# The types of *Cerceris* Latr. from the Ethiopian and Madagascan Regions

(Hymenoptera: Sphecidae: Philanthinae)

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All available holotypes and syntypes of the Ethiopian and Madagascan species of Cerceris have been examined; lectotype designations have been made where applicable. Numerous new instances of synonymy are recorded, often necessitating status changes of the species concerned. Of the 327 described species from these Regions, 227 species are recognized as valid; 83 lectotypes are designated and 35 new synonymies are made.

### INTRODUCTION

The last two major reviews of the Ethiopian species of Cerceris were Brauns' 1926 and Arnold's 1931 works, the latter paper having incorporated posthumously Brauns' unpublished work on this genus, as edited by Arnold (Brauns died early in 1929). Since then Arnold described many more new Ethiopian species in various papers. In Arnold's 1945 work on Madagascan Sphecidae a number of new species of Cerceris are described. Giordani Soika, Leclercq and Guiglia have made their contributions; so have I in a series of papers where some species are grouped and some new species are described. However, in view of the large number of published descriptions of species from the Ethiopian and Madagascan Regions (327 species) and the homogeneity of the genus, I have been conducting an intensive study of all available holotypes, paratypes, syntypes and lectotypes in order to establish the true identities of the species already described. By incorporating the results of these studies into a full revision would so delay their publication, so it was felt that this preliminary compilation would summarize the conclusions for the benefit of current workers, and provide a suitable base for future revisionary work.

The types of the Ethiopian and Madagascan species of Cerceris Latreille have been found in numerous European and some South African Museums, although the majority are in the British Museum (Natural History), the South African Museum and the Transvaal Museum, mainly due to the work of Smith, Cameron, Turner, Brauns and Arnold. Most of the Schletterer and Kohl types are in the Vienna Museum; Saussure's types, with some exceptions, are in the Geneva Museum. Cameron's types are either in the British Museum, Stockholm Museum, Transvaal Museum or Albany Museum. Dahlbom's types are either in Stockholm Museum or Lund University Museum. Guiglia's and Giordani Soika's types are in the Genoa Museum or Turin University

Museum, respectively. Maidl's types are in the Vienna Museum; Bischoff's and Klug's types are in the Berlin Museum. Taschenberg's types are in the Martin Luther University Museum at Halle. Leclercq's types are in the Tervuren Museum. Arnold's primary Madagascan types are in the Paris Museum; Madagascan paratypes in the South African Museum.

Past authors, such as Smith, Saussure, Cameron and Turner, usually had a number of specimens on which they had based their descriptions; these are syntypes. Of the numerous types Brauns and Arnold had designated, many fall into the category of syntypes. All these are dealt with when they occur in the text.

It is interesting to record that Arnold's hymenopterous Collection was recently transferred from the National Museum of Zimbabwe, Bulawayo to the South African Museum, Cape Town, in exchange for six Zimbabwean Stone Eagles!

Type depositories, as abbreviated in the text, are as follows:—

Albany Mus. - Albany Museum, Grahamstown, Cape Province, SOUTH AFRICA.

Belgian Inst. - Institut Royal des Sciences Naturelles des Belgique, Brussels, BELGIUM.

Berlin Mus. - Zoologisches Museum der Humboldt Universität, Berlin, EAST GERMANY.

British Mus. - British Museum (Natural History), London, UNITED KINGDOM.

Copenhagen Mus. - Zoologisk Museum, Copenhagen, DENMARK.

Deut. Ent. Inst. - Deutsches Entomologisches Institut, Eberswalde, EAST GERMANY.

Empey Coll. - Empey Collection, P.O. Box 64087, Highlands North, 2037, SOUTH AFRICA.

Geneva Mus. - Ville de Genève Museum d'Histoire Naturelle, Geneva, SWITZER-LAND.

Halle Inst. - Zoologisches Institut, Martin Luther Universität, Halle, EAST GER-MANY.

Herbst Coll. - F. Herbst, c/o Empey, P.O. Box 64087, Highlands North, 2037, SOUTH AFRICA.

Leningrad Inst. - Zoological Institute, Leningrad, RUSSIA.

Lund Inst. - Lunds Universitets Zoologiska Institutionen, Lund, SWEDEN.

Madrid Mus. - Museo de Zoologia, Instituto de Ciencias Naturales, Madrid, SPAIN.

Munich Mus. - Zoologische Sammlung des Bayerischen Staates, Munich, WEST GERMANY.

National Coll. – National Collection, Department of Agriculture, Pretoria, Transvaal, SOUTH AFRICA.

ORSTOM - Office de la Recherche Scientifique et Technique Outre-Mer, Bondy, FRANCE.

South Afr. Mus. - South African Museum, Cape Town, SOUTH AFRICA.

Stockholm Mus. - Naturhistoriska Riksmuseet, Stockholm, SWEDEN.

Tervuren Mus. - Musée Royal de l'Afrique Centrale, Tervuren, BELGIUM.

Transvaal Mus. - Transvaal Museum, Pretoria, SOUTH AFRICA.

Turin Univ. - Museo ed Istituto di Zoologia Sistematica, Università di Torino, Turin, ITALY.

U.S. Mus. – The United States National Museum, Washington, D.C., U.S.A. Vienna Mus. – Naturhistorisches Museum, Vienna, AUSTRIA. Zimbabwe Mus. – National Museums of Zimbabwe, Bulawayo, ZIMBABWE.

## Genus CERCERIS Latreille, 1802–1803 CERCERINI: PHILANTHINAE: SPHECIDAE

- Cerceris aemula Arnold, 1945: 37 (\$\varphi\$, \$\delta\$). Holotype \$\varphi\$, MADAGASCAR: Bekily, v.1937 (A. Seyrig) [Paris Mus.] [examined].
  - Paratypes. MADAGASCAR: I  $\delta$  (allotype), same data as holotype [Paris Mus.] [examined]; I  $\mathcal{P}$ , I  $\delta$ , same data as holotype [South Afr. Mus.] [examined].
- Cerceris aemuloides Leclercq, 1962: 209 (?). Holotype ?, MADAGASCAR: Rogez, vi. 1944 (A. Seyrig) [Tervuren Mus.] [not examined]. [Male unknown].
- Cerceris africanula Brauns, 1926: 307 (\$\varphi\$, \$\delta\$). LECTOTYPE \$\varphi\$, SOUTH AFRICA (Cape): Willowmore, 10.i.1912 (Dr Brauns) [Transvaal Mus. 243]; here designated [examined].
  - Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype [Transvaal Mus. 244] [examined].
- Cerceris albicincta Klug, 1845: Plate 47 (δ); Schletterer, 1887: 373 (δ, Ψ). Holotype δ, SUDAN: Ambukohl [Berlin Mus.] [not examined].
- Cerceris albifrons Smith, 1856: 449 (3). Holotype 3, SOUTH AFRICA: Cape (F. Smith Collection) [British Mus. 21.1226] [examined].
  - Cerceris hypocritica Brauns, 1926: 315 (\$\varphi\$, \$\delta\$). LECTOTYPE \$\varphi\$, SOUTH AFRICA (Cape): Willowmore, 10.i.1904 (Dr Brauns) [Transvaal Mus. 265]; here designated [examined]; syn. nov.
    - Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype, but dated 25.xii.1917 [Transvaal Mus. 266] [examined].
  - [Cerceris horus Arnold, 1931: 177 (\$\delta\$, nec \$\varphi\$); partim 11 \$\delta\$ only (misassociation of sexes, misidentified paralectotypes) [see \$C\$. horus Arnold, below], SOUTH WEST AFRICA (NAMIBIA): Okahandja, 2-18.iii.1928 (\$R\$. \$E\$. Turner) [British Mus.] (examined)].
- Cerceris albispinosa Arnold, 1952: 469 (\$\Pi\$). Holotype \$\Pi\$, KENYA: Olgasalic, iv.1945 (\$S. Patrizi) [British Mus. 21.1787] [examined]. [Male unknown].
- Cerceris alboatra Walker, 1871: 27 (3); Beaumont, 1952: 347 (3). SINAI: Wadi Ferran [TYPE LOST]. [Female unknown].
  - [1 &, ISRAEL: Ein Geddi, 5.v.1943 (Bytinski-Salz), determined by De Beaumont as C. alboatra Walker (examined)].
  - Cerceris zethiformis Soika, 1942: 201 (3). Holotype 3, SUDAN: Singa, 6-16.xi.1935 (A. Mochi) [Turin Univ.] [examined]; syn. nov.
    - Paratypes. SUDAN: 2 &, same data as holotype, but dated 5-10.xii.1935 [Turin Univ.] [examined].

Cerceris albolineata (Cameron)

Trachypus albolineatus Cameron, 1908: 279 (\$\varphi\$, \$\delta\$); Empey, 1974: 101. LECTO-TYPE \$\varphi\$, TANZANIA: Kibonoto (\$\sigma\text{sibstedt Kilimandjaro} - Meru Expedition [Stockholm Mus. 305]; designated by Empey (1974). [Examined].

Paralectotypes. TANZANIA: 1 &, same data as lectotype [Stockholm Mus. 306] [examined]; 1 &, same data as lectotype [British Mus. 21.1244] [examined].

- Cerceris albopectoris Empey, 1973: 16 (3). Holotype 3, SAUDI ARABIA: Lodar, 16.v.1967 (K. M. Guichard) [British Mus.] [examined]. [Female unknown].
- Cerceris alcyone Arnold, 1951: 115 (3). Holotype 3, ETHIOPIA: Moggio, 23.iv.1948 (K. M. Guichard) [British Mus. 21.1277] [examined]. [Female unknown].
- Cerceris amakosa Brauns, 1926: 305 (\$\foat9, \delta\$). LECTOTYPE \$\foat9, SOUTH AFRICA (Transvaal): Lichtenburg, i.1907 (Dr Brauns) [Transvaal Mus. 245]; here designated [examined].

Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype [Transvaal Mus. 246] [examined].

Cerceris vansoni Arnold, 1935a: 499 (\$\frac{1}{2}\$, \$\delta\$); Empey, 1969: 301. LECTOTYPE \$\frac{1}{2}\$, BOTSWANA: Gami, 11-16.v.1930 (Vernay-Lang Kalahari Expedition) [Transvaal Mus. 307]; here designated [examined].

Paralectotype. BOTSWANA: 1 &, Kuke Pan, 21-30.iii.1930 (Vernay-Lang Kalahari Expedition) [Transvaal Mus. 308] [examined].

Cerceris celaeno Arnold, 1951: 118 (d). Holotype d, ETHIOPIA: Moggio, vi.1946 (K. M. Guichard) [British Mus. 21.1266] [examined]; syn. nov.

Cerceris amakosa var. luteofascialis Mari, nomen nudum; Empey, 1969: 327.

- Cerceris amatoria Arnold, 1931: 173 (\$\foat9, \delta\$). LECTOTYPE \$\foat9, ZIMBABWE: Bulawayo, 6.xii.1939 (R. H. R. Stevenson) [South Afr. Mus.]; here designated [examined].

  Paralectotype. ZIMBABWE: 1 \$\delta\$, same data as lectotype (labelled: 'in cop.') [South Afr. Mus.] [examined].
- Cerceris andersoni Turner, 1918:467 (♀). Holotype ♀, KENYA: E.side of edge of forest of the Aberdare Mts., 24.ii.1911 (T. J. Anderson) [British Mus. 21.1306] [examined]. [Male unknown].
- Cerceris argentifrons Guérin, 1844: 444 (3); Guiglia, 1948: 187 (3); Leclercq, 1961: 102 (3, 2). Holotype 3, MADAGASCAR [Genoa Mus.] [not examined].

Cerceris albotegulata Arnold, 1945: 40 (\$\varphi\$, \$\delta\$). Holotype \$\varphi\$, MADAGASCAR: Bekily, i. 1937 (A. Seyrig) [Paris Mus.] [examined].

Paratypes. MADAGASCAR: 1 & (allotype), same data as holotype [Paris Mus.] [examined]; 1 &, 1 &, same data as holotype [South Afr. Mus.] [examined].

Cerceris armaticeps armaticeps Cameron: Empey, 1974: 102.

Cerceris armaticeps Cameron, 1910: 149 (\$\partial); Brauns, 1926: 325 (\$\partial, \text{nec }\partial); Empey, 1974: 102 (\$\partial, \partial). Holotype \$\partial, SOUTH AFRICA (Transvaal): Warmberg (farm near Chuniespoort) (A. J. T. Janse) [Transvaal Mus. 313] [examined].

[SPECIMEN - & (erroneously labelled 'metallotype'), basis of Empey (1974) & description, SOUTH AFRICA (Transvaal): Potchefstroom, 8.xii.1969 (Empey Collection) [Transvaal Mus.] (examined)].

[Two SPECIMEN - & (erroneously labelled as 'type-&'), basis of Brauns

- (1926) & description, SOUTH AFRICA (Cape): Algoa Bay (Dr Brauns) [Transvaal Mus. 314 and 315] (examined)]. [These are paratypes of the subspecies C. armaticeps caffrariae Empey (see below)].
- Cerceris armaticeps caffrariae Empey, 1974: 102 ( $\mathcal{P}$ ,  $\mathcal{F}$ ). Holotype  $\mathcal{P}$ , SOUTH AFRICA (Cape): Port Elizabeth, 17.i.1961 (Empey Collection) [Transvaal Mus.] [examined]. Paratypes. SOUTH AFRICA (Cape): 1  $\mathcal{F}$  (allotype), same data as holotype [Transvaal Mus.] [examined]; 5  $\mathcal{P}$ , 11  $\mathcal{F}$  (including the two 'specimen  $\mathcal{F}$ ' of Brauns) (see C. armaticeps armaticeps Cameron, above) from Wilderness, Aliwal North, George, Uitenhage, Algoa Bay and Grahamstown [Albany Mus., Transvaal Mus., U.S. Mus., South Afr. Mus. and Empey Coll.] [examined].
- Cerceris arnoldi Brauns, 1926: 229 (?); Arnold, 1931: 151 (?, nec 3); 1942: 14 (3); Empey, 1969: 301 (?, 3). Holotype ?, ZIMBABWE: Sawmills, 29.xii.1923 (G. Arnold) [South Afr. Mus.] [examined].
  - [ŚPECIMEN & (erroneously labelled as 'type-&'), basis of Arnold (1942) true & description, ZIMBABWE: Matetsi, xi.1923 (R. H. R. Stevenson) [South Afr. Mus.] (examined)].
- Cerceris arrogans Arnold, 1931: 164 ( $\mathcal{P}$ , nec  $\mathcal{S}$ ); Empey, 1969: 302 ( $\mathcal{P}$ , nec  $\mathcal{S}$ ). LECTO-TYPE  $\mathcal{P}$ , SOUTH WEST AFRICA (NAMIBIA): Okahandja, 27.i.-2.ii.1928 ( $\mathcal{R}$ . E. Turner) [British Mus. 21.1296a]; here designated [examined].

Paralectotype. SOUTH WEST AFRICA (NAMIBIA): 1 &, same data as lectotype [British Mus. 21.1296b] [examined] [sex misassociated, misidentified – here determined by Empey as & of C. languida languida Cameron (see this nominate subspecies, below)]. [True male unknown].

- Cerceris aterrima Arnold, 1942: 18 (♂); Empey, 1969: 302 (♂, ♀). Holotype ♂, UGAN-DA: Behungi, 4.iv.1927 [South Afr. Mus.] [examined].
  - Paratype. UGANDA: 1 &, Mt. Ruwenzori, 26.iv.1914 [South Afr. Mus.] [examined].
  - Cerceris flavobilineolata Soika, 1942: 199 (\$\parphi\$); Empey, 1969: 302. Holotype \$\parphi\$, N.W. TANZANIA, 1910 (Grauer) [Turin Univ.] [examined].
    - Paratype. TANZANIA: 1 2, same data as holotype [Turin Univ.] [examined].
  - Cerceris rama Leclercq, 1955: 411 (3); Empey, 1969: 302. Holotype 3, BURUNDI: Bururi, 5-12.iii.1953 (P. Basilewsky) [Tervuren Mus.] [examined].
    - Paratypes. BURUNDI: 1 &, same data as holotype [Belgian Inst.] [examined]; 1 &, same data as holotype [U.S. Mus.] [examined].
  - Cerceris styrax Leclercq, 1955: 415 (\$\Pi\$); Empey, 1969: 302. Holotype \$\Pi\$, BURUN-DI: Bururi, 5-12.iii.1953 (P. Basilewsky) [Tervuren Mus.] [examined].
- Cerceris augagneuri Arnold, 1945: 34 (9, 3). Holotype 9, MADAGASCAR: Antsirabe, xi.1936 (A. Seyrig) [Paris Mus.] [examined].
  - Paratypes. MADAGASCAR: 1 & (allotype), same data as holotype [Paris Mus.] [examined]; 1 &, same data as holotype [South Afr. Mus.] [examined].
- Cerceris bannisteri Empey, 1971b: 251 (\$\varphi\$, \$\delta\$). Holotype \$\varphi\$, SOUTH AFRICA (Transvaal): Strubens Valley (Florida Distr.), 25.1.1966 (H. N. Empey) [Transvaal Mus. 1276] [examined].
  - Paratypes, SOUTH AFRICA (Transvaal): 1 & (allotype), same data as holo-

- type, but dated 27.xi.1965 [Transvaal Mus. 1277] [examined]; 1 &, Hope (Ellisras Distr.), 17.11.1962 (H. N. Empey) [Empey Coll.] [examined]; 8 d, same data as holotype British Mus., National Coll., South Afr. Mus., Tervuren Mus. and U.S. Mus.] [examined].
- Cerceris barnardi Brauns, 1926: 317 (2). Holotype 2, SOUTH WEST AFRICA (NA-MIBIA): Naribis, ii.1921 (Dr Brauns) (leg.-A. Barnard) [Transvaal Mus. 248] [examined]. [Male unknown].
- Cerceris beharensis Leclercq, 1967: 63 (d). Holotype d, MADAGASCAR: Behara, i.1938 (A. Seyrig) [Paris Mus.] [not examined]. [Female unknown].
- Cerceris bicarinata Arnold, 1935a: 500 (3). Holotype 3, BOTSWANA: Kaotwe, 8-12.iv.1930 (Vernay-Lang Kalahari Expedition) [Transvaal Mus. 310] [examined]. [Female unknown].
- Cerceris bicava Shestakov, 1917: 316 (3). Holotype 3, ERITREA: Ihanda [Leningrad Inst.] [not examined]. [Female unknown].
- Cerceris bicuspidata Arnold, 1931: 154 (3). LECTOTYPE 3, SOUTH WEST AFRICA (NAMIBIA): Okahandja, 10-16.ii.1928 (R. E. Turner) [British Mus. 21.1297]; here designated [examined]. [Female unknown].

Paralectotype. SOUTH WEST AFRICA (NAMIBIA): 1 d, same data as lectotype [British Mus.] [examined].

- Cerceris bifurcata Empey, 1970: 183 (2). Holotype 2, ZAIRE: Garamba National Park, 17.v.1950 (H. de Saeger) [Tervuren Mus.] [examined]. [Male unknown].
- Cerceris bothavillensis Brauns, 1926: 327 (\$); Arnold, 1942: 23 (\$). LECTOTYPE \$, SOUTH AFRICA (Orange Free State): Bothaville, 15.i.1899 (Dr. H. Brauns) [Transvaal Mus. 251]; here designated [examined].

Paralectotype. SOUTH AFRICA: 1 \( \rightarrow \), same data as lectotype, but dated 25.xi.

1898 [Transvaal Mus. 252] [examined].

- [SPECIMEN-& (erroneously labelled as 'type-&'), basis of Arnold (1942) & description, LESOTHO: Mamathes, 3.i.1940 (A. Jacot-Guillarmod) [South Afr. Mus.] (examined)].
- Cerceris bulawayoensis Brauns, 1926: 281 (\$\,\delta\$). LECTOTYPE \$\,\delta\$, ZIMBABWE: Bulawayo, 25.v.1923 (R. Stevenson) [South Afr. Mus.]; here designated [examined]. Paralectotype. ZIMBABWE: 1 8, Victoria Falls, 3.1.1920 (G. Arnold) [Transvaal Mus. 253] [examined].
- Cerceris campicola Arnold; Empey, 1969: 303.
  - Cerceris monticola campicola Arnold, 1942: 14 (2); Empey, 1969: 303 (2). Holotype Q, ZAIRE: Walikale, 10.1.1915 [South Afr. Mus.] [examined]. [Male unknown].
- Cerceris campsomeroides Arnold, 1951: 109 (d). Holotype d, GHANA: Accra, 1941 (K. M. Guichard [British Mus. 21.1269] [examined]. [Female unknown].
- Cerceris chirindensis Arnold, 1932: 12 (2). Holotype 2, ZIMBABWE: Chirinda Forest, xi.1930 [South Afr. Mus.] [examined]. [Male unknown].
  - Paratypes. ZIMBABWE: 2 \(\frac{1}{2}\), same data as holotype [British Mus.] [examined].

- Cerceris chromatica Schletterer, 1887: 422 (3); Empey, 1973: 22 (3, 8). Holotype 3, EGYPT: E'l Alag, 1858 (Natt) [Vienna Mus.] [examined].
  - Cerceris lateriproducta flava Mochi, 1939: 185 (\$\delta\$, \$\varphi\$); Beaumont, 1951: 178. Holotype \$\delta\$, EGYPT: Thebes [not examined].
  - Cerceris rufofacies Empey, 1973: 19 (3). Holotype 3, OMAN: Trucial Oman Coast, iii.1944 (D. V. Fitzgerald) [British Mus.] [examined]; syn. nov. Paratype. OMAN: 1 3, same data as holotype [Empey Coll.] [examined].
- Cerceris clypearis Saussure, 1887: 25 (9); Arnold, 1945: 22 (9, 8).

[The type-\$\Pi\$ is missing from the Geneva Museum, where Saussure is presumed to have housed it; it is not in the Vienna Museum].

[Arnold's customary SPECIMEN - & (basis of his & description) is missing; it is neither in the Paris Museum nor in the South African Museum].

- Cerceris curvitarsis Schletterer, 1887: 499 (3); Brauns, 1926: 308 (3, 2). Holotype 3, SOUTH AFRICA (Cape): 1865 (Sichel Coll.) [Vienna Mus.] [examined].
  - Cerceris oneili Cameron, 1905: 220 (Pd). LECTOTYPE P, SOUTH AFRICA (Cape): Dunbrody (Uitenhage Distr.), 10.ii.1903 (Collector: O. Neil) (P. Cameron Collection) [British Mus. 21.1253a]; here designated [examined].

Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype [British Mus. 21.1253b] [examined].

- Cerceris cuthbertsoni Arnold, 1946: 86 (\$\Pi\$). Holotype \$\Pi\$, ZIMBABWE: Mt. Silosi (Matapos), 23.xi.1941 [South Afr. Mus.] [examined]. [Male unknown].
- Cerceris dejecta Arnold, 1931: 162 (2). Holotype 2, KENYA: Makondu Camp 191, 4.vii.1916 (T. J. Anderson) [British Mus. 21.1245] [examined]. [Male unknown].
- Cerceris dentiventris Arnold, 1945: 35 ( $\mathfrak{P}$ ,  $\mathfrak{F}$ ). Holotype  $\mathfrak{P}$ , MADAGASCAR: Bekily, i.1937 (A. Seyrig) [Paris Mus.] [examined].

Paratypes. MADAGASCAR: 1 & (allotype), same data as holotype [Paris Mus.] [examined]; 19, 18, same data as holotype [South Afr. Mus.] [examined].

Cerceris diodonta diodonta Schletterer; Empey, 1969: 304.

Cerceris diodonta Schletterer, 1887: 451 (3); Brauns, 1917: 239; 1926: 278 (3, 4). Holotype 3, SOUTH AFRICA (Cape) [Vienna Mus.] [examined].

Cerceris mitrata Bingham, 1902: 215 (d); Empey, 1969: 304.

LECTOTYPE &, SOUTH AFRICA (Transvaal): Middelburg (W. Distant Collection) [British Mus. 21.1236]; here designated [examined].

Paralectotype. SOUTH AFRICA (Transvaal): 1 &, Johannesburg (W. Distant Collection) [British Mus.] [examined].

Cerceris melanospila Cameron, 1905: 221 (\$\frac{1}{2}\$, \$\frac{1}{2}\$); Brauns, 1917: 239. LECTOTYPE \$\frac{1}{2}\$, SOUTH AFRICA (Cape): Brak Kloof (Grahamstown Distr.), 1.ii.1903 (Mrs. G. White) [Albany Mus.]; here designated [examined].

Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype [British Mus. 21.1237] [examined].

Cerceris jansei Cameron, 1910: 149 (\$\Pi\$); Brauns, 1917: 239. Holotype \$\Pi\$, SOUTH AFRICA (Transvaal): Waterval (near Nuwe Smitsdorp), 16.xi.1902 (A. J. T. Janse) [Transvaal Mus. 317] [examined].

Cerceris diodonta barbifera Bischoff; Empey, 1969: 304.

Cerceris barbifera Bischoff, 1911: 222 (\$\varphi\$); Arnold, 1931: 187 (\$\varphi\$, \$\varphi\$). Holotype \$\varphi\$, ZAIRE: Kasindi (N. Albert Edward Lake), i.1908 (Exped. Herzog Adolf Friedrich z. Mecklenburg) [Berlin Mus.] [examined].

Cerceris bagandarum Turner, 1918b: 465 (\$\frac{1}{2}\$, \$\delta\$); Arnold 1931: 187 LECTOTYPE \$\frac{1}{2}\$, UGANDA: Kafu R. (near Hoima-Kampala Rd.) 29-31.xiii.1911 (\$S. A. Neave) [British Mus. 21.1230]; here designated [examined].

Paralectotypes. UGANDA: 1 \$\foata\$, same data as lectotype [British Mus.] [examined]; 1 \$\delta\$, Sikoko R. (near W. foot of Mt. Elgon), 12-14.viii.1911 (S. A. Neave) [British Mus.] [examined].

Cerceris diodonta sodalis Turner; Empey, 1969: 304.

Cerceris bagandarum var. sodalis Turner, 1918: 466 ( $\mathcal{P}$ ,  $\mathcal{F}$ ); 1919: 50; Empey, 1969: 304 ( $\mathcal{P}$ ,  $\mathcal{F}$ ). LECTOTYPE  $\mathcal{P}$ , KENYA: 30 miles from Magadi Junction, iv.1912 (F. G. Hamilton) [British Mus. 21.1238]; here designated [examined].

Paralectotype. KENYA: 1 &, same data as lectotype [British Mus.] [examined].

Cerceris discrepans discrepans Brauns; Empey, 1972: 45.

Cerceris discrepans Brauns, 1926: 314 (?); Arnold, 1931: 151 (?, nec &). Holotype ?, SOUTH AFRICA (Cape): Oudtshoorn, 10.xii.1902 (Dr Brauns) [Transvaal Mus. 254] [examined]. [Male unknown].

[SPECIMEN - & (erroneously labelled as 'type-&'), basis of Arnold (1931) & description, SOUTH AFRICA (Cape): Willowmore (Dr Brauns) [Transvaal Mus. 288] (examined)]. [Sex misassociation, misidentification - here determined by Empey as C. bearstonensis Cameron].

Cerceris discrepans grata Arnold; comb. nov.

Cerceris grata Arnold, 1931: 170 (\$\partial\$), Holotype \$\partial\$. SOUTH WEST AFRICA (NA-MIBIA): Okahandja, 27.i.-2.ii.1928 (R. E. Turner) [British Mus. 21.1298] [examined]. [Male unknown].

Cerceris dissona Arnold, 1955: 753 (?). Holotype ?, SOUTH WEST AFRICA (NAMI-BIA): Cnambeke, ii.1923 (Dr Brauns) [Transvaal Mus. 1247] [examined]. [Male unknown].

Cerceris dominicana Brauns, 1926: 302 (?); Empey, 1969: 305. LECTOTYPE ?, SOUTH AFRICA (Cape): Willowmore, 21.xii.1921 (Dr Brauns) [Transvaal Mus. 256]; designated by Empey (1969) [examined]. [Male unknown].

Paralectotype. SOUTH AFRICA: 1 Ψ, same data as lectotype, but dated 1.xii.1899 (Dr H. Brauns) [Transvaal Mus.] [examined].

Cerceris dondoensis dondoensis Brauns; stat. nov.

Cerceris dondoensis Brauns, 1926: 275 (\$\foat2\$). Holotype \$\tilde{9}\$, MOZAMBIQUE: Dondo, 4.ii. 1923 (R. Stevenson) [South Afr. Mus.] [examined]. [Male unknown].

Cerceris dondoensis ephippiorhyncha Arnold; stat. nov.

Cerceris ephippiorhyncha Arnold, 1940: 109 (\$\varphi\$, \$\delta\$); Empey, 1969: 305. LECTO-TYPE \$\varphi\$, ZIMBABWE: Mt. Selinda, xii.1935 (\$G. van Son\$) [Transvaal Mus. 306]; here designated [examined].

Paralectotype. ZIMBABWE: 1 &, Chirinda Forest, xi.1930 [South Afr. Mus.] [examined].

Cerceris duchesnei Arnold, 1945: 31 (\$\varphi\$, \$\delta\$). Holotype \$\varphi\$, MADAGASCAR: Antananarivo, i.1937 (A. Seprig) [Paris Mus.] [examined].

Paratypes. MADAGASCAR: 1 & (allotype), Bekily, x.1936 (A. Seyrig) [Paris Mus.] [examined]; 12, 18, same data as holotype [South Afr. Mus.] [examined].

Cerceris eburneofasciata Brauns, 1926: 273 (?, &). LECTOTYPE ?, SOUTH AFRICA (Transvaal): Johannesburg, iv. 1906 (G. Kobrow) [Transvaal Mus. 257]; here designated [examined].

Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype, but dated i.1906 [Transvaal Mus. 258] [examined].

Cerceris egena egena Arnold; Empey, 1969: 305.

(examined)].

Cerceris egena Arnold, 1931: 167 (\$\varphi\$); 1942: 8 (\$\varphi\$, \$\delta\$). Holotype \$\varphi\$, MALAWI: Mlanje, 25.iii.1913 (\$S. A. Neave). [British Mus. 21.1302] [examined]. [SPECIMEN - \$\delta\$ (erroneously labelled as 'type-\$\delta\$'), basis of Arnold (1942) \$\delta\$ description, ZIMBABWE: Bulawayo, 5.x.1924 (\$G. Arnold\$) [South Afr. Mus.]

Cerceris egena mombasae Arnold, 1942: 8 (9). Holotype 9, KENYA: Mombasa, v.1927 [South Afr. Mus.] [examined].

Cerceris morula Soika, 1942: 202 (d). Holotype d, ETHIOPIA: Harrar (Fardis), 23.v.1937 (A. Mochi) [Turin Univ.] [examined]; syn. nov.

[Both descriptions were published in 1942, but that of mombasae, published on 28.ix.1942 has priority, for morula was published in December].

Cerceris electra Arnold, 1951: 113 (2). Holotype 2, GHANA: Labadi, 12.iii.1941 (K. M. Guichard) [British Mus. 21.1272] [examined]. [Male unknown].

Cerceris emeryana emeryana Gribodo; Empey, 1969: 305.

Cerceris emeryana Gribodo, 1894: 129 (\$\frac{9}{2}\$). Type \$\frac{9}{2}\$, MOZAMBIQUE: Magnarra Rivier [Turin Univ.] [not examined]. [Male known, but undescribed – see subspec. varilineata, below].

Cerceris emeryana varilineata Cameron; Empey, 1969: 306.

Cerceris varilineata Cameron, 1905: 218 (3); Brauns, 1926: 320 (3, 9). Holotype 3, SOUTH AFRICA (Cape): Dunbrody (Uitenhage Distr.), 7.ii.1901 (Collector: O'Neil) (P. Cameron Collection) [British Mus. 21.1380] [examined].

[SPECIMEN-? (erroneously labelled as 'type-?'), basis of Brauns (1926) ? description, SOUTH AFRICA (Cape): Sundays River (*Dr Brauns*) [Transvaal Mus. 303] (examined)].

Cerceris varilineata var. matabele Brauns, 1926: Plate LI, fig. 11 (2, 3) [nec Empey, 1974] [Types LOST]; syn. nov.

Cerceris multicolor Arnold, 1946: 85 (?); 1955: 752; Empey, 1969: 306 (3). Holotype ?, LESOTHO: Mamathes, ix.1943 (A. & C. Jacot-Guillarmod) [South Afr. Mus.] [examined]; syn. nov.

[SPECIMEN-& (erroneously labelled by Empey (1969) as 'metallotype-&'), basis of Arnold (1955) & description, LESOTHO: Mamathes, 25.xii.1946 (C. Jacot-Guillarmod) [Albany Mus.] (examined)].

Cerceris emeryana bechuana Brauns; Empey, 1969: 306.

Cerceris varilineata form bechuana Brauns, 1926: 322 (2). LECTOTYPE 2, SOUTH AFRICA (N.E. Cape): Pudimoe (erroneously recorded by Empey (1969)

as being in Botswana), i.1917 (Dr Brauns) [Transvaal Mus. 304]; designated by Empey (1969) [examined]. [Male unknown].

Paralectotypes. SOUTH AFRICA: 3 9, same data as lectotype [Transvaal Mus.] [examined].

Cerceris erynnis Arnold, 1931: 159 (\$). LECTOTYPE \$, MALAWI: Mlanje, 11.xii.1912 (S. A. Neave) [British Mus. 21.1243]; here designated [examined]. [Male unknown].

Paralectotype. MALAWI: 1 9, same data as lectotype [British Mus.] [examined].

Cerceris erythrosoma Schletterer, 1887: 450 (\$); Empey, 1969: 306 (\$, \$). Holotype \$, SOUTH AFRICA: Holub [Vienna Mus.] [examined].

Cerceris pictiventris Gerstaecker, 1859: 509 (3) [nec Dahlbom, 1845]; Brauns, 1926: 276 (3, 8). Holotype 3 [Berlin Mus.] [not examined].

Cerceris ornativentris Cameron, 1905: 219 (\$\partial \text{?}); Brauns, 1926: 276. Holotype \$\partial \text{,} SOUTH AFRICA (Cape): Dunbrody (Uitenhage Distr.) (Collector: O'Neil) (P. Cameron Collection) [British Mus. 21.1241] [examined].

Cerceris rebaptizata Schulz, 1906: 195 [emendation].

[Cerceris ulcerosa Arnold, 1936: 4 (\$\delta\$, nec \$\varphi\$); Empey, 1969: 309 (\$\delta\$, nec \$\varphi\$); partim \$\delta\$ only (misassociation of sexes, misidentified paratype) [see \$C\$. ulcerosa Arnold, below], ZIMBABWE: Matetsi, iv.1934 (\$R\$. \$H\$. \$R\$. Stevenson) [South Afr. Mus.] [examined].]

Cerceris pseudoproteles Arnold, 1952: 467 (\$\frac{9}{2}\$). Holotype \$\frac{9}{2}\$, KENYA: Makindu, ii.1942 (Coll. Calangire) [British Mus. 21.1786] [examined]; syn. nov.

Paratype. KENYA: 1 9, Olgasalic, v.1944 (Meneghetti) [South Afr. Mus.] [examined].

Cerceris erythroura Cameron, 1908: 276 (\$\varphi\$, \$\delta\$); Empey, 1969: 307 (\$\varphi\$, \$\delta\$); 1974: 106. LECTOTYPE \$\varphi\$, TANZANIA: Kibonoto, 15.v.1906 (Sjöstedt Kilimandjaro-Meru Expedition) [British Mus. 21.1249a]; designated by Empey (1969) [examined].

Paralectotypes. TANZANIA: 1 \(\frac{1}{2}\), same data as lectotype [Stockholm Mus. 295] [examined]; 1 \(\frac{1}{2}\), same data as lectotype [British Mus. 21.1249b] [examined]; 1 \(\frac{1}{2}\), 1 \(\frac{1}{2}\), KENYA: Meru (Sjöstedt Kilimandjaro-Meru Expedition) [Stockholm Mus. 293 and 296, respectively] [examined].

Cerceris eulalia eulalia Brauns; Empey, 1971b: 266.

Cerceris eulalia Brauns, 1926: 326 (\$\varphi\$); Empey, 1971b: 266 (\$\varphi\$, \$\delta\$). Holotype \$\varphi\$, SOUTH AFRICA (Transvaal): Johannesburg (G. Kobrow) [Transvaal Mus. 259] [examined].

[SPECIMEN-& (erroneously labelled as 'metallotype-&'), basis of Empey (1971) & description, SOUTH AFRICA (Transvaal): Edenvale, 22.xi.1964 (H. N. Empey) [Transvaal Mus. 1284] (examined)].

Cerceris eulalia transkeica Empey, 1971b: 270 (2, 3). Holotype 2, TRANSKEI: Umtata, 3.i.1963 (Empey Collection) [Transvaal Mus. 1285] [examined].

Paratypes. TRANSKEI: 1 & (allotype), same data as holotype [Transvaal Mus. 1286] [examined]; 1 &, 1 &, same data as holotype [Empey. Coll.] [examined].

- Cerceris faceta Arnold, 1951: 111 (\$\varphi\$, \$\delta\$). LECTOTYPE \$\varphi\$, SENEGAL: Fatick, 16.viii.1943 (\$K\$. \$M\$. Guichard) [British Mus. 21.12712]; here designated [examined].
  - Paralectotype. SENEGAL: 1 &, same data as lectotype [British Mus. 21.1271b] [examined].
- Cerceris fingo Brauns, 1926: Plate XLIII, fig. 2 (\$). Holotype \$, SOUTH AFRICA (Cape): Willowmore, 15.xii.1901 (Dr Brauns) [Transvaal Mus. 318] [examined]. [Male unknown].
- Cerceris fischeri fischeri Spinola; stat. nov.
  - **Cerceris fischeri** Spinola, 1838: 493 (\$\varphi\$, \$\delta\$); Beaumont, 1950a: 324; 1951a: 176; 1952b: 323 (\$\varphi\$, \$\delta\$). Holotype \$\varphi\$, EGYPT [Turin Univ.] [not examined].
    - [ $\mathfrak{P}$ ,  $\mathfrak{F}$  specimens of this nominate subspecies, determined by De Beaumont, have been examined].
  - Cerceris histrio Dahlbom, 1845: 499 (3); Beaumont, 1952b: 323. Holotype 3, EGYPT [Stockholm Mus.] [examined].
  - Cerceris contigua Walker, 1871: 28. [Type LOST]; [type locality: SINAI].
  - Cerceris nobilitata walegae Arnold, 1951: 110 (\$\partial); Empey, 1974: 112 (\$\hat{\partial}\$, \$\delta\$). Holotype \$\partial\$, ETHIOPIA: Gambeila, ii.1948 (K. M. Guichard) [British Mus. 21.1270] [examined]; syn. nov.
    - [SPECIMEN-& (erroneously labelled as 'metallotype-&'), basis of Empey (1974) & description, TANZANIA: Dar es Salaam, 20.viii.1957 (leg Malan Empey Collection) [Transvaal Mus.] (examined)].
- Cerceris fischeri nobilitata Cameron; comb. nov.
  - Cerceris nobilitata Cameron, 1905: 216 (\$\Phi\$); Brauns, 1926: 313 (\$\Phi\$, \$\Delta\$). Holotype \$\Phi\$, SOUTH AFRICA (Cape): Dunbrody (Uitenhage Distr.) (Collector O'Neil) (P. Cameron Collection) [Albany Mus.] [examined].
    - [SPECIMEN-& (erroneously labelled as 'type-&'), basis of Brauns (1926) & description, SOUTH AFRICA (Cape): Oudtshoorn, 10.xii.1902 (Dr Brauns) [Transvaal Mus. 324] (examined)].
- Cerceris fitzgeraldi Empey, 1973: 20 (?). Holotype ?, OMAN: Trucial Oman Coast, iii.1944 (D. V. Fitzgerald) [British Mus.] [examined]. [Male unknown].

  Paratype. OMAN: 1 ?, Felidj Ma'ald, iv.1943 (D. V. Fitzgerald) [Empey Coll.] [examined].
- Cerceris flavonasuta Arnold, 1951: 105 (\$\cappa\$, \$\delta\$). LECTOTYPE \$\cappa\$, ETHIOPIA: Aselle, 4.viii.1947 (K. M. Guichard) [British Mus. 21.1275]; here designated [examined]. Paralectotypes. ETHIOPIA: 2 \$\delta\$, Le Kempti, 25.v.1946 (K. M. Guichard) [British Mus. and South Afr. Mus.] [examined].
- Cerceris formidolosa Saussure, 1890: Plate IXX, fig. 9 (?); Arnold, 1945: 41 (?, \delta).

  Holotype ?, MADAGASCAR, (H. Saussure) [Geneva Mus.] [examined].

  [SPECIMEN-\delta (erroneously labelled as 'allotype-\delta'), basis of Arnold (1945) \delta description, MADAGASCAR: Rogez (E. Coast Forest), iii.1937 (A. Seyrig) [South Afr. Mus.] (examined)].
- Cerceris formosa formosa Dahlbom; Empey, 1969: 308.
  - Cerceris formosa Dahlbom, 1845: 499 (3). Holotype 3, SOUTH AFRICA (Natal): Durban (J. Wahlberg) [Stockholm Mus. 466] [examined].

- Cerceris sumptuosa Arnold, 1931: 160 (2, 3). LECTOTYPE 2, TRANSKEI: Port St. Johns, xii.1923 (R. E. Turner) [British Mus. 21.1225a]; here designated [examined].
  - Paralectotype. TRANSKEI: 1 &, same data as lectotype [British Mus. 21.1225b] [examined].
- Cerceris marleyi Arnold, 1949: 272 (?). Holotype ?, SOUTH AFRICA (Natal): Durban, 3.xi.1939 (H. W. Bell-Marley) [South Afr. Mus.] [examined].
- Cerceris formosa nigrifemur Arnold, 1955: 751 (\$\varphi\$, \$\delta\$). LECTOTYPE \$\varphi\$, SOUTH AFRICA (Cape): (Krebs) [Transvaal Mus. 1248]; here designated [examined].

Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype [Transvaal Mus. 1249] [examined].

Cerceris formosa hoeveldensis Empey, 1971: 246 (?, 3). Holotype ?, SOUTH AFRICA (Transvaal): Bronkhorstspruit Dam, i.xi.1964 (H. N. Empey) [Transvaal Mus.] [examined].

Paratypes. SOUTH AFRICA (Transvaal): 1 & (allotype), same data as holotype, but dated 13.x.1968 [Transvaal Mus.] [examined]; 5 \( \frac{9}{5}, \) 5 &, localities: Bronkhorstspruit Dam, Strubens Valley (Florida Distr.), Johannesburg, Pretoria (H. N. Empey) [Transvaal Mus. and Empey Coll.] [examined].

- Cerceris forticula Arnold, 1955: 751 (?). Holotype ?, ZAMBIA: Abercorn, x.1943 [South Afr. Mus.] [examined]. [Male unknown].
- Cerçeris fulviventris Guérin; 1844 (3); Guiglia, 1948: 187 (3); Arnold, 1951: 107. Holotype 3 [Genoa Mus.] [not examined].
  - Cerceris bicolor Smith, 1856: 447 (\$\Pi\$); Arnold, 1931: 183 (\$\Pi\$, \$\delta\$). Holotype \$\Pi\$, GAMBIA: (F. Smith Collection) [British Mus. 21.1291] [examined].
  - Cerceris fossor Smith 1856: 447 (3); Arnold, 1931: 183. Holotype 3, GAMBIA: (F. Smith Collection) [British Mus. 21.1292] [examined].
  - Cerceris flavifrons Smith, 1856: 448 (3). Holotype 3, W. AFRICA: (F. Smith Collection) [British Mus. 21.1281] [examined]; syn. nov.
  - Cerceris purpurea Schletterer, 1887: 453 (3). Holotype 3, SENEGAL: Dagana, 1869 (Steindacher) [Vienna Mus.] [examined]; syn. nov.

Cerceris gallienii gallienii Arnold; Empey, 1969: 308.

Cerceris gallienii Arnold, 1945: 32 (\$\frac{1}{2}\$, \$\delta\$). Holotype \$\frac{1}{2}\$, MADAGASCAR: Fort Dauphin, iii. 1937 (A. Seyrig) [Paris Mus.] [examined].

Cerceris gallieni Bohart & Menke, 1976: 581 [emendation].

Cerceris gallienii bekiliensis Arnold; Empey, 1969: 308.

Cerceris gallienii var. bekiliensis Arnold, 1945: 34 (\$\frac{9}{3}\$). Holotype \$\frac{9}{3}\$, MADAGAS-CAR: Bekily, ii.1937 (A. Seyrig) [Paris Mus.] [examined].

Paratypes. MADAGASCAR: 1 & (allotype), same data as holotype [Paris Mus.] [examined]; 1 & 1 & Antananarivo, (A. Seyrig) [South Afr. Mus.] [examined].

- Cerceris gomphocarpi Brauns, 1926: 306 (\$\varphi\$, \$\delta\$). LECTOTYPE \$\varphi\$, SOUTH AFRICA (Cape): Willowmore, ii.1912 (Dr Brauns) [Transvaal Mus. 260]; here designated [examined].
  - Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype, but dated 25.i.1904 [Transvaal Mus. 261] [examined].
- Cerceris guigliae Soika, 1942: 204 (3). Holotype 3, ERITREA: Ghinda, 9.vi.1916 (Coll. A. Mochi) [Turin Univ.] [examined]. [Female unknown].
  - Cerceris taygete Arnold, 1951: 119 (3). Holotype 3, ETHIOPIA: Gambeila, ii.1948 (K. M. Guichard) [British Mus. 21.1267] [examined]; syn. nov.
- Cerceris hamiltoni Arnold, 1931: 167 (2). LECTOTYPE 2, KENYA: 30 miles from Magadi Junction, iv.1912 (F. G. Hamilton) [British Mus. 21.1301]; here designated [examined]. [Male unknown].

Paralectotypes. KENYA: 1 \(\frac{1}{2}\), Magadi Ry., v.1912 (F. G. Hamilton) [British Mus.] [examined]; 1 \(\frac{1}{2}\), Mara R. (Masai Reserve), 9.ii.1914 (A. O. Luckman) [South Afr. Mus.] [examined].

- Cerceris haramaiae Arnold; Empey, 1969: 309.
  - Cerceris rhodesiae haramaiae Arnold, 1951: 108 (3). Holotype 3, ETHIOPIA: Haramaia, 21.v.1948 (K. M. Guichard) [British Mus. 21.1268] [examined]. [Female unknown].
- Cerceris hausa Arnold, 1931: 174 (?). LECTOTYPE ?, NIGERIA: Asare (S.E. Kano) (Dr Ll. Lloyd) [British Mus. 21.1254]; here designated [examined]. [Male unknown].

  Paralectotype. NIGERIA: 1 ?, same data as lectotype [British Mus.] [examined].
- Cerceris herbsti Empey, 1971b: 254 (?). Holotype ?, SOUTH WEST AFRICA (NAMI-BIA): Windhoek, 5.iii.1966 (F. Herbst) [Transvaal Mus. 1278] [examined]. [Male unknown].
- Cerceris hilderbrandti Saussure, 1891: 261 (?). [The type-? is missing from the Geneva Museum, where most of the types from Saussure's works are housed: Vienna Museum do not have it either; [Type locality: MADAGASCAR]. [Male unknown].
- Cerceris holconota holconota Cameron; Empey, 1971b: 271.

[Transvaal Mus. 262] (examined)].

- Cerceris holconota Cameron, 1905: 205 (\$\frac{\phi}{2}\$); Brauns, 1926: 312 (\$\frac{\phi}{2}\$, \$\frac{\phi}{2}\$). Holotype \$\frac{\phi}{2}\$, SOUTH AFRICA (Cape): Dunbrody (Uitenhage Distr.) (Collector: O'Neil) (P. Cameron Collection) [British Mus. 21.1215] [examined].

  [SPECIMEN-\$\frac{\phi}{2}\$ (erroneously labelled as 'type-\$\frac{\phi}{2}\$), basis of Brauns (1926) \$\frac{\phi}{2}\$ description, SOUTH AFRICA (Cape): Willowmore, 25.xii.1911 (Dr Brauns)
- Cerceris holconota labiosa Empey, 1971b: 273 (\$\frac{1}{2}\$). Holotype \$\frac{1}{2}\$, SOUTH AFRICA (Transvaal): Ellisras, 12.xi.1967 (H. N. Empey) [Transvaal Mus. 1279] [examined].
  - Paratypes. SOUTH AFRICA (Transvaal): 1 & (allotype), same data as holotype [Transvaal Mus. 1280] [examined]; 6 &, 6 &, with localities: Ellisras, Buffelspoort Dam, Pretoria, Heidelberg, Moordrift, Montrose Falls [Transvaal

- Mus. and Empey Coll.] [examined]; ZIMBABWE: 1 \$\opin\$, Bulawayo, 17.11.1940 [South Afr. Mus.] [examined].
- [Cerceris nenitroidea Bischoff, 1913: 118 (\$\frac{1}{2}\$, nec \$\delta\$); partim \$-\delta\$ only (misassociation of sexes, misidentified paralectotype) [see \$C\$. nenitroidea Bischoff, below], BOTSWANA: Sevrelela, 10.xi.1904 (\$L\$. Schultze) [Berlin Mus.] (examined)].
- Cerceris holconota oculata Empey, 1971b: 274 (\$\partial \text{.}\) Holotype \$\partial \text{, SOUTH AFRICA}\$ (Orange Free State): Ficksburg, 17.i.1966 (H. N. Empey) [Transvaal Mus. 1281] [examined]. [Male unknown].
- Cerceris horus Arnold, 1931: 177 (\$\,\text{, nec }\,\text{o}\); Empey, 1969: 310. LECTOTYPE \$\,\text{, SOUTH WEST AFRICA (NAMIBIA): Okahandja, 2-18.iii.1928 (\$R. E. Turner)\$ [British Mus. 21.1286a]; here designated [examined]. [True male unknown].

Paralectotypes. SOUTH WEST AFRICA (NAMIBIA): 11  $\delta$ , same data as lectotype [British Mus.] [examined]; [all 11  $\delta$  paralectotypes are sex misassociated, misidentified, here determined by Empey as  $\delta$  of C. albifrons Smith – refer to this species, above]. [Horus – the falcon-God of Egyptian mythology].

Cerceris hora Bohart & Menke, 1976: 582 [emendation].

- Cerceris illustris Arnold, 1931: 158 (\$\varphi\$, \$\delta\$). LECTOTYPE \$\varphi\$, ZIMBABWE: Penkridge, 10.xii.1927 (R. H. R. Stevenson) [South Afr. Mus.]; here designated [examined].

  Paralectotypes. ZIMBABWE: 1 \$\varphi\$, 2 \$\delta\$, same data as lectotype [South Afr. Mus.] [examined].
- Cerceris inconspicua Arnold, 1931: 166 (\$\Pi\$); 1942: 9 (\$\Pi\$, \$\delta\$). Holotype \$\Pi\$, MALAWI: Chiromo, 1917 (R. C. Wood) [British Mus. 21.1288] [examined].

  [SPECIMEN-\$\delta\$ (erroneously labelled as 'type-\$\delta\$'), basis of Arnold (1942) \$\delta\$ description, ZIMBABWE: Bulawayo, x.1938 [South Afr. Mus.] (examined)].
- Cerceris iniqua iniqua Kohl; Empey, 1969: 310.

Cerceris iniqua Kohl, 1894: 288 (\$\varphi\$). Holotype \$\varphi\$, SIERRA LEONE: [Belgian Inst.] [examined]. [Male unknown].

Cerceris iniqua arida Arnold; Empey, 1969: 310.

Cerceris arida Arnold, 1931: 163 (\$\varphi\$); 1935b: 5 (\$\delta\$). Holotype \$\varphi\$, NIGERIA: Zungera, 1912 (J. J. Simpson) [British Mus. 21.1240] [examined].

[SPECIMEN-& (erroneously labelled as 'type-&'), basis of Arnold (1935b) & description, MAURITANIA: Nema, 1935 (de Lepiney) [South Afr. Mus.] (examined)].

Cerceris iniqua cratocephala Cameron; Empey, 1969: 311 (?); 1974: 105 (?, 8).

Cerceris cratocephala Cameron, 1908: 275 (\$\times\$). Holotype \$\times\$, KENYA: Kibonoto, 15.v.1906 (Sjöstedt Kilimandjaro-Meru Expedition) [Stockholm Mus. 303] [examined].

[Cerceris yalensis Turner, 1913: 744 (\$\delta\$, nec \$\Pi\$); Empey, 1969: 325; partim - \$\delta\$ only (misassociation of sexes, misidentified paralectotype) [see \$C. yalensis Turner, below], KENA: Yala R. (S. edge Kakumga Forest), 21-28.v.1911 (S. A. Neave) [British Mus.] (examined)].

[SPECIMEN-& (erroneously labelled 'metallotype-&'), basis of Empey (1974) & description, MALAWI: Zomba, 9.x.1943 (Empey Collection) [Transvaal Mus.] (examined)].

Cerceris iniqua deceptrix Brauns; Empey, 1969: 311.

Cerceris cratocephala form deceptrix Brauns, 1926: 334 ( $\mathfrak{P}$ ,  $\mathfrak{F}$ ); Arnold, 1931: 149. LECTOTYPE  $\mathfrak{P}$ , ZIMBABWE: Harare (Salisbury) (G. K. Marshall) [Transvaal Mus. 319]; here designated [examined].

Paralectotype. ZIMBABWE: 1 &, Mt. Chirinda (leg Marshall) [Transvaal Mus. 320] [examined].

Cerceris iniqua libitina Brauns; Empey, 1969: 311.

- Cerceris cratocephala form libitina Brauns, 1926: 335 (?); Arnold, 1931: 149. Holotype ?, SOUTH AFRICA (Natal): Durban, 23.x.1906 (leg Leigh) [Transvaal Mus. 321] [examined]. [Male unknown].
- Cerceris insignita Arnold, 1951: 104 (3). Holotype 3, ETHIOPIA: Moggio, 23.iv.1948 (K. M. Guichard) [British Mus. 21.1274] [examined]. [Female unknown].
  - Cerceris insignita var. opulenta Arnold, 1951: 105 (\$\delta\$) (nec Morice, 1911); Empey, 1969: 311. Holotype \$\delta\$, ETHIOPIA: Moggio, 23.iv.1948 (K. M. Guichard) [British Mus. 21.1273] [examined].
- Cerceris invalida Kohl, 1906: 205 (3). Holotype 3. SOUTH YEMEN: Ras Farták, iii.1899 (0. Simony) [Vienna Mus.] [examined]. [Female unknown].
- Cerceris isis Arnold, 1931: 178 (\$\varphi\$, \$\delta\$). LECTOTYPE \$\varphi\$, ZIMBABWE: Sawmills, 27.xii.1923 [South Afr. Mus.]; here designated [examined].

  Paralectotype. ZIMBABWE: 1 \$\delta\$, same data as lectotype [South Afr. Mus.] [examined].
- Cerceris katangae Brauns, 1914: 237 (2); Empey, 1972: 60 (2, 3). Holotype 2, ZAIRE (Katanga Province): Kibimbi, 4.ii.1911 (Dr Bequaert) [Tervuren Mus.] [examined].
  - [SPECIMEN-& (erroneously labelled as 'metallotype-&'), basis of Empey (1972) & description, ZAMBIA: Ndola (Kitwe), 7.ii.1961 (H. H. Empey) [Transvaal Mus.] (examined)].
- Cerceris kilimandjaroensis kilimandjaroensis Cameron; Empey, 1974: 107.
  - Cerceris kilimandjaroensis Cameron, 1908: 277 (\$\varphi\$, \$\varphi\$). LECTOTYPE \$\varphi\$, TAN-ZANIA: Kibonoto, 4-11.v.1906 (Sjöstedt Kilimandjaro-Meru Expedition) [Stockholm Mus. 297]; designated by Empey (1974) [examined].

Paralectotypes. TANZANIA: 1 2, 1 3, same data as lectotype [British Mus. 21.1303a-b, respectively] [examined].

- Cerceris sterope Arnold, 1951: 117 (3); Empey, 1974: 107. Holotype 3, ETHI-OPIA: Haramaia, 21.v.1948 (K. M. Guichard) [British Mus. 21.1265] [examined].

  Paratype. ETHIOPIA: 1 3, Le Kempti, 25.v.1948 (K. M. Guichard) [South Afr. Mus.] [examined].
- Cerceris zyx Leclercq, 1955: 413 (3); Empey, 1974: 107. Holotype 3, BURUNDI: Makoronkwe, 12.iii.1953 (P. Basilewsky) [Tervuren Mus.] [examined].
- Paratype. BURUNDI: 1 &, same data as holotype [Belgian Inst.] [examined]. Cerceris molesta Arnold, 1958: 129 (\$\varphi\$, &). LECTOTYPE \$\varphi\$, ZAMBIA: Abercorn, 20.viii.1944 [South Afr. Mus.]; here designated [examined].

Paralectotypes. ZAMBIA: 1 \$\mathbb{Q}\$, same data as lectotype, but dated 7.vii.1945 [British Mus.] [examined]; 1 \$\mathcal{O}\$, same data as lectotype, but dated 16.vi.1945 [South Afr. Mus.] [examined].

Cerceris kilimandiaroensis heterospila Cameron: Empey, 1974: 107.

Cerceris heterospila Cameron, 1910: 148 (♂); Empey, 1969: 309 (♂, ♀). LECTO-TYPE &, SOUTH AFRICA (Transvaal): Johannesburg [Transvaal Mus. 311]; designated by Empey (1969) [examined].

Paralectotypes, SOUTH AFRICA: 1 & (head missing), same data as lectotype [Transvaal Mus. 312] [examined]: 1 &, Johannesburg (Doornfontein) [Transvaal Mus.] [examined] (correctly determined by Arnold as C. nigrifrons Smith) [misassociation, misidentification]. [This misidentified paralectotype could be the missing type of C. erythrospila Cameron that may have been mislabelled at the time when Cameron mixed up his C. erythroura type labels (Empey, 1974: 106) (also see C. tricolorata nigrifrons Smith, below)].

Cerceris macololo Brauns, 1926: 295 (♀, ♂). LECTOTYPE ♀, SOUTH AFRICA (Transvaal): Johannesburg, ii. 1909 (G. Kobrow) [Transvaal Mus. 327]; here designated [examined].

Paralectotype. SOUTH AFRICA (Transvaal): 1 &, Lichtenburg (Dr Brauns) [Transvaal Mus. 328] [examined].

Cerceris illustrissimus Mari, nomen nudum; Empey, 1969: 327.

Cerceris kilimandiaroensis capensis Arnold; Empey, 1974: 107.

Cerceris macololo capensis Arnold, 1931: 152 (9, 8). LECTOTYPE 9, SOUTH AFRICA (Cape): Aliwal North, 1-13.1.1923 (R. E. Turner) [British Mus. 21.1279a]; here designated [examined].

Paralectotypes. SOUTH AFRICA: 1 &, same data as lectotype [British Mus. 21.1279b] [examined]; 1 \(\text{Q}\), same data as lectotype [British Mus.] [examined]; 1 & same data as lectotype, but dated xii, 1922 [British Mus.] [examined].

Cerceris griqua Arnold, 1942: 10 (\$\circ\$, \$\delta\$). LECTOTYPE \$\circ\$, SOUTH AFRICA (E. Grigualand): Ormiston, xii.1925-i.1926 (L. K. Stevenson) [South Afr. Mus.]; here designated [examined].

Paralectotypes. SOUTH AFRICA: 1 9, 2 8, same data as lectotype [South Afr. Mus.] [examined].

Cerceris kobrowi Brauns, 1926: 271 (\$\frac{1}{2}\$), LECTOTYPE \$\frac{1}{2}\$, SOUTH AFRICA (Transvaal): Johannesburg, i.1906 (G. Kobrow) [Transvaal Mus. 269]; here designated [examined].

Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype [Transvaal Mus. 270] [examined].

Cerceris languida languida Cameron; Empey, 1974: 109.

Cerceris languida Cameron, 1905: 218 (3); Brauns, 1926: 292 (3, 4). Holotype 3, SOUTH AFRICA (Cape): Dunbrody (Uitenhage Distr.) (Collector O'Neil) (P. Cameron Collection) [British Mus. 21.1305] [examined].

[SPECIMEN-9 (erroneously labelled as 'type-9'), basis of Brauns (1926) 9 description, SOUTH AFRICA (Cape): Algoa Bay, 16.i.1897 (Dr H. Brauns) [Transvaal Mus. 271] (examined)].

[Cerceris arrogans Arnold, 1931: 164 (\$\delta\$, nec \$\varphi\$); partim - 1 \$\delta\$ only (misassociation of sexes, misidentified paralectotype) [see C. arrogans Arnold, above], SOUTH WEST AFRICA (NAMIBIA): Okahandja, 27.i.-2.ii.1928 (R. E. Turner) [British Mus. 21.1296b] (examined)].

- Cerceris languida agulhas Empey, 1974: 110 (\$\frac{9}{3}\$, Holotype \$\frac{9}{3}\$, SOUTH AFRICA (Cape): Bredasdorp (Pearly Beach), xii.1958 [South Afr. Mus.] [examined].
  - Paratypes. SOUTH AFRICA (Cape): 3 \( \frac{9}{2}, 1 \) \( \frac{1}{2}, \) same data as holotype [South Afr. Mus.] [examined]; 4 \( \frac{9}{2}, 4 \) \( \frac{1}{2}, \) Mossel Bay, 26.xii.1960 (H. N. Empey) [Empey Coll.] [examined].
- Cerceris languida shangaani Empey, 1974: 109 (\$\varphi\$, \$\delta\$). Holotype \$\varphi\$, ZIMBABWE: Gwaai, 13.i.1929 [South Afr. Mus.] [examined].
  - Paratypes. ZIMBABWE. 1 & (allotype), same data as holotype [South Afr. Mus.]; 1 &, Selukwe, 21.ii.1970 (H. N. Empey) [Empey Coll.]; 2 &, Inyanga, 18.ii.1970 (H. N. Empey) [Empey Coll.]; 1 &, Bulawayo, 10.iv.1926 (R. H. R. Stevenson) [South Afr. Mus.]; 1 &, Matetsi, iv.1934 (R. H. R. Stevenson) [South Afr. Mus.]; SOUTH AFRICA (Transvaal); 2 &, Ellisras, 31.iii.1972 (H. N. Empey) [Empey Coll.]; [all paratypes examined].
- Cerceris languida tanzana Empey, 1974: 110 (\$\varphi\$). Holotype \$\varphi\$, TANZANIA: Dar es Salaam, 6.v.1970 (leg Malan Empey Collection) [Transvaal Mus.] [examined]. [Male unknown].
- Cerceris lateridentata Arnold, 1945: 26 (\$, \$). Holotype \$, MADAGASCAR: Ivondro, xii. 1936 (A. Seyrig) [Paris Mus.] [examined].
  - Paratypes. MADAGASCAR: 1 & (allotype), same data as holotype [Paris Mus.] [examined]; 1 &, Perinet (A. Seyrig) [South Afr. Mus.]; 1 &, Rogez (A. Seyrig) [South Afr. Mus.]; [paratypes examined].
- Cerceris laterifurcata Empey, 1973: 13 (9, 3). Holotype 9, SAUDI ARABIA: Lodar, 16.v.1967 (K. M. Guichard) [British Mus.] [examined].
  - Paratypes. SAUDI ARABIA: 1 & (allotype), same data as holotype [British Mus.] [examined]; 3 &, 12 &, same data as holotype [British Mus. and Empey Coll.] [examined]; SOUTH YEMEN: 2 &, 1 &, Museimir and Dhala [British Mus. and Empey Coll.] [examined]; YEMEN: 1 &, Usaifira [British Mus.] [examined].
- Cerceris laterimaculata Empey, 1973: 18 (?). Holotype ?, SOUTH YEMEN: Jebel Jihaf, x.1937 (H. Scott & E. B. Britton) (British Museum Exped. to S.W. Arabia) [British Mus.] [examined]. [Male unknown].
- Cerceris latifrons Bingham, 1902: 214 (?); Brauns, 1926: 303 (?, &). Holotype ?, SOUTH AFRICA (Transvaal/Natal Border): (W. Distant Collection) [British Mus. 21.1300] [examined].
  - [SPECIMEN-& (erroneously labelled as 'type-&'), basis of Brauns (1926) & description, SOUTH AFRICA (Cape): Algoa Bay (Dr Brauns) [Transvaal Mus. 272] (examined)].
  - Cerceris sedula Arnold, 1940: 104 (\$\frac{1}{2}\$, \$\delta\$). LECTOTYPE \$\frac{1}{2}\$, ZIMBABWE: Vumbu Mts. [South Afr. Mus.]; here designated [examined]; syn. nov.
- Cerceris leucochroa Schletterer, 1887: 407 (\$\hat{\gamma}\). Holotype \$\bar{\gamma}\$, SUDAN: Kordofan [Vienna Mus.] [not examined]. [Male unknown].

- Cerceris lobaba Kirby, 1900: 18 (?); Empey, 1973: 11 (?, &). Holotype ?, SOCOTRA: Homil, 18.1.1899 [British Mus. 21.1314] [examined].
  - [SPECIMEN-o (erroneously labelled 'metallotype'), basis of Empey (1973) odescription, SOCOTRA: Hadibo Plain, 16.iv.1967 (K. M. Guichard) [British Mus.] (examined)].
- Cerceris longilabris Arnold, 1946: 83 (?). Holotype ?, ZAMBIA: Kaputa (Mweru), 8.i.1944 [South Afr. Mus.] [examined]. [Male unknown].
- Cerceris longitudinalis Soika, 1942: 206 (3). Holotype 3, SOMALIA: Isha Baidao, 17-31.v.1935 (Coll. A. Mochi) [Turin Univ.] [examined]. [Female unknown].
- Cerceris longiuscula Arnold, 1951: 101 (3). Holotype 3, GHANA: Kpeve, vi.1942 (K. M. Guichard) [British Mus. 21.1261] [examined].
  - Cerceris bambesae Empey, 1972: 48 (\$\Pi\$). Holotype \$\Pi\$, ZAIRE: Bambesa, 1.x.1938 (J. Vrydagh) [Tervuren Mus.] [examined]; syn. nov.
    - Paratype. ZAIRE: 1 9, Yangambi, 1940 (I.N.E.A.C.) [Empey Coll.] [examined].
- Cerceris lunigera Dahlbom, 1845: 499 (\$\parphi\$); Empey, 1969: 313 (\$\parphi\$, \$\delta\$). Holotype \$\parphi\$, SOUTH AFRICA (Cape): [Stockholm Mus. 469] [examined].
  - Cerceris albigena Cameron, 1905: 217 (\$\Phi\$); Empey, 1972: 63 (\$\Phi\$, \$\delta\$). Holotype \$\Phi\$, SOUTH AFRICA (Cape): Pearston (Collector: Dr Robert Broom) (P. Cameron Collection) [British Mus. 21.1217] [examined]; syn. nov.
    - [SPECIMEN-& (erroneously labelled inetallotype), basis of Empey (1972) & description of C. albigena Cameron, SOUTH AFRICA (Cape): Steytlerville, 13.i.1965 (H. N. Empey) [Transvaal Mus.] (examined)].
  - Cerceris whiteana Cameron, 1905: 225 (?); Brauns, 1917: 240; Jacot-Guillarmod, 1961: 12 (?). Holotype ?, SOUTH AFRICA (Cape): Brak Kloof (Grahamstown Distr.), 1893 (Mrs G. White) [Albany Mus.] [examined].
  - Cerceris holconotula Brauns, 1926: Plate XLIV, fig 13 (\$\partial\$, \$\partial\$); Arnold, 1931: 150 (\$\partial\$, \$\partial\$). LECTOTYPE \$\partial\$, SOUTH AFRICA (Cape): Willowmore, 5.ii.1914 (Dr. Brauns) [Transvaal Mus. 263]; here designated [examined].

Paralectotype. SOUTH AFRICA (Cape): 1 o, Algoa Bay, 2.ii.1897 (Dr. H.

Brauns) [Transvaal Mus. 264]. [examined].

- Cerceris nobilitata sordidula Arnold, 1931: 153 ( $\mathfrak{P}$ ); Empey, 1974: 111 ( $\mathfrak{P}$ ,  $\mathfrak{F}$ ). Holotype  $\mathfrak{P}$ , SOUTH AFRICA (Cape): Ceres, xii.1924 (R. E. Turner) [British Mus. 21.1213] [examined]; syn. nov.
- [SPECIMEN-& (erroneously labelled 'metallotype'), basis of Empey (1974) & description of C. nobilitata sordidula Arnold, SOUTH AFRICA (Cape): Tulbagh, 10.i.1962 (Empey Collection) [Transvaal Mus.] (examined)].
- Cerceris macalanga Brauns, 1926: 294 (\$\Pi\$); Arnold, 1942: 12 (\$\Pi\$, \$\delta\$). Holotype \$\Pi\$, ZIM-BABWE: Sawmills, 27.xii.1923 (\$G. Arnold\$) [Transvaal Mus. 274] [examined]. [SPECIMEN-\$\delta\$ (erroneously labelled as 'type-\$\delta\$'), basis of Arnold (1942) \$\delta\$ description, ZIMBABWE: Victoria Falls, xii.1938 [South Afr. Mus.] (examined)].
- Cerceris macula (Fabricius), 1804.
  - Philanthus macula Fabricius, 1804: 305 (3). Holotype 3, SOUTH AFRICA (Cape): labelled 'Cap.B.Sp.' (Cap Bonae spei = Cape of Good Hope) [Copenhagen Mus.] [examined]. [Female unknown].

- Cerceris manifesta Arnold, 1952: 470 (2). Holotype 2, KENYA: Olgasalic, 9.v.1943 (Toschi) [British Mus. 21.1785] [examined]. [Male unknown].
- Cerceris maritima Saussure, 1867: 91 (\$\times\$). MAURITIUS: [The type \$\times\$ is missing from the Vienna Museum, where some other types from Saussure's 1867 work are housed; Geneva Museum do not have it either]. [Male unknown].
- Cerceris mazimba Brauns, 1926: 295 (9): Arnold, 1942: 9 (9, 8).
  - LECTOTYPE  $\mathcal{D}$ , MOZAMBIQUE: Dondo, 4.ii.1924 (R. H. R. Stevenson) [South Afr. Mus.]; here designated [examined].

Paralectotype. MOZAMBIQUE: 1 9, same data as lectotype [Transvaal Mus.

274] [examined].

- [SPECIMEN-& (erroneously labelled as 'type-&'), basis of Arnold (1942) & description, ZIMBABWE: Matetsi, xii.1933 (R. H. R. Stevenson) [South Afr. Mus.] (examined)].
- Cerceris merope Arnold, 1951: 115 (\$\varphi\$, \$\delta\$). LECTOTYPE \$\varphi\$, GHANA: Accra, viii.—ix.1941 (K. M. Guichard) [British Mus. 21.1278]; here designated [examined]. Paralectotype. GHANA: 1 \$\delta\$, same data as lectotype [British Mus.] [examined].
- Cerceris minutior Maidl, 1924: 243 (3). Holotype 3, SUDAN: Sennar 25-27.ii.1914 (Ebner) [Vienna Mus.] [examined]. [Female unknown].
- Cerceris minutissima Maidl, 1924: 244 (3). Holotype 3, SUDAN: Sennar 25-27.ii.1914 (Ebner) [Vienna Mus.] [examined]. [Female unknown].
- Cerceris moestissima Guiglia, 1941: 116 (3). Holotype 3, ETHIOPIA: Gota, ix.1936 (leg C. Lomi) [Genoa Mus.] [not examined]. [Female unknown].
- Cerceris moggionis Arnold, 1951: 102 (3). Holotype 3, ETHIOPIA: Moggio, 23.iv.1948 (K. M. Guichard) [British Mus. 21.1264] [examined]. [Female unknown].
- Cerceris monocera Kohl, 1898: 341 (?); Arnold, 1942: 19 (&). Holotype ?, SENEGAL: 1896 (Brauer) [Vienna Mus.] [examined].

[SPECIMEN-& (erroneously labelled as 'type-&'), basis of Arnold (1942) & description, LIBERIA: Moala, 31.x.1936 [South Afr. Mus.] [examined].

- Cerceris monticola Arnold, 1931: 160 (\$\Phi\$); 1942: 13 (\$\Phi\$, \$\Delta\$). Holotype \$\Phi\$, MALAWI: 22.iii.1913 (\$S. A. Neave) [British Mus. 21.1293] [examined].

  [SPECIMEN-\$\Delta\$ (erroneously labelled as 'type-\$\Delta\$'), basis of Arnold (1942) \$\Delta\$ description, ZIMBABWE: Sawmills, 22-27.xii.1923 (\$R. H. R. Stevenson\$) [South Afr. Mus.] (examined)].
- Cerceris mossambica Gribodo, 1895: 354 (\$\Phi\$). Holotype \$\Phi\$, MOZAMBIQUE: Maputo (Lourenço Marques) [Genoa Mus.] [not examined]. [Male unknown]. [A homotypical \$\Phi\$ determined by Giordani Soika as this species and labelled 'compared with type' has been examined]. [Coll. Empey].
- Cerceris multipicta Smith, 1873: 411 (\$\varphi\$, \$\delta\$). LECTOTYPE \$\varphi\$, ANGOLA: (F. Smith Collection) [British Mus.]; here designated [examined].
  - Paralectotypes. ANGOLA: 1 \$\overline{9}\$, 4 \$\delta\$, same data as lectotype [British Mus.] [examined].
  - Cerceris simoni Buysson, 1897: 358 (\$\partial); Empey, 1969: 315. LECTOTYPE \$\partial\$,

- SOUTH AFRICA (Cape): Vryburg [Paris Mus.] [not examined].
- Paralectotype. SOUTH AFRICA (Orange Free State): 1 \$\varphi\$, Heilbron [Paris Mus.] [not examined].
- Cerceris speculata Shestakov, 1917: 317 (3); Empey, 1969: 315. Holotype 3, SENE-GAL: [Leningrad Inst.] [not examined].
- Cerceris nasidens Schletterer, 1887: 452 (3). Holotype 3, SOUTH AFRICA (Cape): [Vienna Mus.] [examined].
  - Cerceris kalaharica Bischoff, 1913: 118 (\$\varphi\$, \$\delta\$); Arnold, 1931: 149. LECTOTYPE \$\varphi\$, BOTSWANA: Kakia (L. Schultze) [Berlin Mus.]; here designated [examined].

Paralectotype. BOTSWANA: 1 &, Sekuma Pan (Kakia Distr.) (L. Schultze) [Berlin Mus.] [examined].

Cerceris karooensis Brauns, 1914: 230 (\$\frac{1}{2}\$, \$\frac{1}{2}\$); 1926: 283; Arnold, 1931: 149. LECTOTYPE \$\frac{1}{2}\$, SOUTH AFRICA (Cape): Willowmore, 10.i.1900 (Dr H. Brauns) [Transvaal Mus. 241]; here designated [examined].

Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype, but dated 24.iii.1901 [Transvaal Mus. 242] [examined].

- Cerceris natalensis Saussure, 1867: 96 (\$\varphi\$). Holotype \$\varphi\$, SOUTH AFRICA (Natal): [Geneva Mus.] [examined].
  - Cerceris morosula Brauns, 1914: 226 ( $\mathcal{P}$ ,  $\mathcal{S}$ ); Arnold, 1931: 149. LECTOTYPE  $\mathcal{P}$ , SOUTH AFRICA (Natal): Durban (Umbilo), 22.xi.1906 (leg Leigh) [Transvaal Mus. 275]; here designated [examined].

Paralectotype. SOUTH AFRICA:  $1 \ \$ , same data as lectotype [Tervuren Mus.] [examined];  $1 \ \ \hat{\sigma}$ , same data as lectotype [Transvaal Mus. 276] [examined].

- Cerceris neghelliensis Guiglia, 1939: 62 (3). Holotype 3, ETHIOPIA: Neghelli, 20.iii.1937 (leg E. Zavattari) [Museo Januense] [not examined]. [Female unknown].
- Cerceris nenicra Saussure, 1887: 25 (\$\varphi\$, \$\delta\$). LECTOTYPE \$\varphi\$, MADAGASCAR: Nossibe (H. Saussure) [Geneva Mus.]; here designated [examined].

Paralectotypes. MADAGASCAR: 2 \, 2 \, \, 3 \, \, same data as lectotype [Geneva Mus.] [examined]; 1 \, \, \, \, Sikora [Geneva Mus.] [examined].

Cerceris nenitra Saussure, 1892: 551 [emendation]: Arnold, 1945: 42 ( $\mathcal{P}$ ,  $\mathcal{E}$ ).

Cerceris perfoveata Arnold, 1947: 167 (\$\varphi\$). Holotype \$\varphi\$, MADAGASCAR: Ivondro, i.1940 (A. Seyrig) [Paris Mus.] [examined]; syn. nov.

Paratype. MADAGASCAR: 1 \(\Phi\), same data as holotype [South Afr. Mus.] [examined].

Cerceris nenitroidea Bischoff, 1913: 118 (\$\delta\$, nec \$\Pi\$). LECTOTYPE \$\delta\$, BOTSWANA: Sevrelela (Kakia Distr.), 10.xi.1904 (\$L. Schultze\$) [Berlin Mus.]; here designated [examined].

Paralectotype. BOTSWANA: 1 \, same data as lectotype [Berlin Mus.] [examined]; [this paralectotype is sex misassociated, misidentified, here determined as \, of C. holconota labiosa Empey - refer to this subspecies, above].

Cerceris pseudoillustris Mari, nomen nudum; Empey, 1969: 327; syn. nov.

- Cerceris nephthys nephthys Arnold; Empey, 1969: 316.
  - Cerceris nephthys Arnold, 1931: 165 (\$). Holotype \$, SOUTH WEST AFRICA (NAMIBIA): Okahandja, 2-18.iii.1928 (R. E. Turner) [British Mus. 21.1216] [examined]. [Male unknown].
- Cerceris nephthys platyrhyncha Arnold, 1942; 20 (\$\sigma\$), LECTOTYPE \$\sigma\$, ZIMBABWE: Matetsi, 17.ix.1934 (R. H. R. Stevenson) [South Afr. Mus.]; here designated [examined].

Paralectotypes. ZIMBABWE: 1 &, same data as lectotype [South Afr. Mus.] [examined]; 1 9, Spongweni (Bubi Distr.), 20.xii.1931 (R. H. R. Stevenson) [South Afr. Mus.] [examined]; 1 &, Sawmills, 22-27.xii.1923 (R. H. R. Stevenson) [South Afr. Mus.] [examined].

Cerceris nigrostoma Brauns, 1926: 301 (9, 8). LECTOTYPE 9, SOUTH AFRICA (Cape): Willowmore, 5.ii.1902 (Dr Brauns) [Transvaal Mus. 278]; here designated [examined].

Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype, but dated 15.i.1902 [Transvaal Mus. 279] [examined].

Cerceris nugax nugax Arnold: Empey, 1969: 317.

Cerceris nugax Arnold, 1931: 176 (3). Holotype 3; NIGERIA: Zungeru, xi.1910 (J. W. Scott-Macse) [British Mus. 21.1262] [examined]. [Female unknown].

Cerceris nugax dahlak Menke, 1976: 584.

Cerceris nugax insularis Arnold, 1951: 112 (3) [nec Smith, 1856]. Holotype 3, RED SEA: Dahlak Archipelago [British Mus. 21.1262] [examined]. [Female unknown].

Cerceris obscura Schletterer, 1887; stat. nov.

Cerceris nasidens var. obscura Schletterer, 1887: 453 (2); Empey, 1969: 315. Holotype 2, SOUTH AFRICA (Cape): 1865 (Sichel) [Vienna Mus.] [examined]. [Distinct species.

Cerceris africana Cameron, 1905: 222 (?); Brauns, 1914: 228 (?, &); Empey, 1969: 315; 1974: 100. LECTOTYPE 9, SOUTH AFRICA (Cape): Dunbrody (Uitenhage Distr.), 10.ii.1903 (Collector O'Neil) (P. Cameron Collection) [British Mus. 21.1242a]; designated by Empey (1974) [examined].

Paralectotype. SOUTH AFRICA: 1 9, same data as lectotype [British Mus.

21.1242b] [examined].

[SPECIMEN-& (erroneously labelled as 'type-&'), basis of Brauns (1914) & description, SOUTH AFRICA (Cape): Algoa Bay, 7.ii.1892 (Dr H. Brauns) [Transvaal Mus. 240] (examined)].

Cerceris orangiae Brauns, 1926: 331 (♀, ♂). LECTOTYPE ♀, SOUTH AFRICA (Orange Free State): Bloemfontein (Dr Brown) [Transvaal Mus. 283]; here designated [examined].

Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype [Transvaal Mus. 284] [examined].

Cerceris orangiae var. koranna Brauns, 1926: 333 (\$\partial \text{?}); Empey, 1969: 317. LECTO-TYPE 9, SOUTH AFRICA (Orange Free State): Bloemfontein (Dr Brown) [Transvaal Mus. 285]; here designated [examined].

Paralectotype. SOUTH AFRICA: 1 2, same data as lectotype [Transvaal Mus. 286] [examined].

- Cerceris oraniensis Brauns, 1926: 329 (\$\circ\$, \$\delta\$). LECTOTYPE \$\circ\$, SOUTH AFRICA (Transvaal): Lichtenburg, 1.i.1906 (Dr Brauns) [Transvaal Mus. 280]; here designated [examined].
  - Paralectotypes. SOUTH AFRICA (Transvaal): 1 &, Delarey (Johannesburg), i.1919 (Dr Brauns) [Transvaal Mus. 281] [examined]; SOUTH AFRICA (Orange Free State): 1 9, Bloemfontein (Dr Brown) [Transvaal Mus. 282] [examined].
  - Cerceris lingnaui Arnold, 1933a: 54 (♀); Empey, 1969: 317. Holotype ♀, SOUTH AFRICA (Orange Free State): Wepener (W. Lingnau) [Deut. Ent. Inst.] [examined].
- Cerceris osiris Arnold, 1931: 172 (♀, ♂). LECTOTYPE ♀, SOUTH WEST AFRICA (NAMIBIA): Okahandja, 2-18.ii.1928 (R. E. Turner) [British Mus. 21.1287a]; here designated [examined].

Paralectotype. SOUTH WEST AFRICA (NAMIBIA): 1 &, same data as lectotype [British Mus. 21.1287b] [examined].

Cerceris paleata Saussure, 1891: 262 (9); Arnold, 1945: 24 (9, 8). LECTOTYPE 9, MADAGASCAR: Andreagoloka (H. Saussure) [Geneva Mus.]; here designated [examined].

Paralectotypes. MADAGASCAR: 3 \, \, same data as lectotype [Geneva Mus.] [examined]; 1 2, Ananarivo (H. Saussure) [Geneva Mus.] [examined].

- Cerceris carnaria Saussure, 1892: 545 (3): Arnold, 1945: 24. LECTOTYPE 3, MADAGASCAR: Sikora (H. Saussure) [Geneva Mus.]; here designated [examined].
  - Paralectotypes. MADAGASCAR: 1 &, same data as lectotype [Geneva Mus.] [examined]; 2 &, Nossibe (H. Saussure) [Geneva Mus.] [examined].
- Cerceris pallida Arnold, 1935b: 5 (2). Holotype 2, MAURITANIA: Nema (de Lepiney) [South Afr. Mus.] [examined]. [Male unknown].
  - Cerceris pallida var. lutulenta Arnold, 1951: 102 (\$\varphi\$); Empey, 1969: 318. Holotype \$\varphi\$, MAURITANIA: Boghé, ix.1943 (K. M. Guichard) [British Mus. 21.1263] [examined].
- Cerceris pearstonensis Cameron, 1905: 223 (\$\frac{1}{2}\$); Brauns, 1926: 297 (\$\frac{1}{2}\$, \$\frac{1}{2}\$). LECTOTYPE SOUTH AFRICA (Cape): Pearston (Collector: Dr Robert Broom) (P. Cameron Collection) [British Mus. 21.1312a]; here designated [examined].

Paralectotypes. SOUTH AFRICA: 2 \, same data as lectotype [British Mus.

21.1312b-c, respectively] [examined].

- [SPECIMEN-& (erroneously labelled as 'type-&'), basis of Brauns (1926) & description, SOUTH AFRICA (Cape): Willowmore, 15.i.1902 (Dr Brauns) [Transvaal Mus. 288] (examined)].
- Cerceris pearstonensis bantu Brauns, 1926: 299 (?); Empey, 1974: 115 (?, 8). Holotype  $\mathcal{P}$ , ZIMBABWE: Sawmills, 22-27.xii.1923 (R. H. R. Stevenson) [South Afr. Mus.] [examined]; syn. nov.
  - [SPECIMEN-& (erroneously labelled as &-metallotype), basis of Empey (1974) of description, ZIMBABWE: Bulawayo 1.x.1923 (R. Stevenson) [South Afr. Mus.] (examined)].
- [Cerceris discrepans Brauns; Arnold, 1931: 151 (♂, nec ♀); partim 1 ♂ only (misassociation of sexes, misindentified specimen) [see C. discrepans Brauns, above],

- SOUTH AFRICA (Cape): Willowmore, xii.1912 (Dr Brauns) [Transvaal Mus. 255] (examined)].
- Cerceris discrepans perplexa Arnold, 1931: 153 (3). Holotype 3, SOUTH WEST AFRICA (NAMIBIA): Okahandja, 17–23.ii.1928 (R. E. Turner) [British Mus. 21.1304] [examined]; syn. nov.
- Cerceris perfida Saussure, 1890: Plate IXX, fig. 10 (\$\parphi\$): 1892: 549 (\$\parphi\$); Arnold, 1945: 23 (\$\parphi\$, \$\delta\$). Holotype \$\parphi\$, MADAGASCAR: (H. Saussure) [Geneva Mus.] [examined].
  - Cerceris spinifrons Saussure, 1891: 262 (3); Arnold, 1945: 23. [The type-3 is missing from the Geneva Museum, where most of Saussure's types are housed, and it is not in the Vienna Museum either].

[SPECIMEN-& (erroneously labelled 'paratype'), basis of Arnold (1945) & description of C. perfida Saussure, MADAGASCAR: Behara, i.1938 (A. Seyrig) [South Afr. Mus.] (examined)].

- Cerceris petiolata Saussure, 1891: 271 (3); Arnold, 1945: 38 (3, 9). LECTOTYPE 3, MADAGASCAR: Andreagoloka (H. Saussure) [Geneva Mus.]; here designated [examined].
  - Paralectotype. MADAGASCAR: 1 &, Annanarivo (H. Saussure) [Geneva Mus.] [examined].

[SPECIMEN-\( \text{9}\) (erroneously labelled as 'type-\( \text{9}\)'), basis of Arnold (1945) \( \text{9}\) description, MADAGASCAR: Fianarantsoa (A. Seyrig) [South Afr. Mus.] [examined].

- Cerceris picta Dahlbom, 1844: 222 (\$\varphi\$); Empey, 1971a: 239 (\$\varphi\$). Holotype \$\varphi\$, SENE-GAL: [Lund Inst.] [examined]. [Male unknown].
- Cerceris pictifacies Brauns, 1926: 316 (?): Arnold, 1931: 152 (3). Holotype ?, SOUTH AFRICA (Cape): Uitenhage, 10.xi.1897 (Dr H. Brauns) [Transvaal Mus. 287] [examined].

[SPECIMEN-& (erroneously labelled as &-metallotype), basis of Arnold (1931) & description, ZIMBABWE: Bulawayo, 9.xi.1924 (R. H. R. Stevenson) [South Afr. Mus.] (examined)].

- Cerceris placida Arnold, 1931: 171 ( $\mathcal{P}$ ,  $\mathcal{S}$ ). LECTOTYPE  $\mathcal{P}$ , NIGERIA: Kano (Azare), 4.ix.1925 (Dr Ll. Lloyd) [British Mus. 21.1250a]; here designated [examined]. Paralectotype. NIGERIA: 1  $\mathcal{S}$ , same data as lectotype [British Mus. 21.1250b] [examined].
- Cerceris placita placita Arnold; stat. nov.
  - Cerceris placita Arnold, 1931: 163 (\$\Partial \text{.} Holotype \$\Partial \text{, KENYA: E Shore Vic.-Nyanza (near Karungu), 28-29.iv.1911 (\$S. A. Neave) [British Mus. 21.1294] [examined]. [Male unknown].
- Cerceris placita arnoldiana Guiglia; Bohart & Menke, 1976: 585.
  - Cerceris placita var. arnoldiana Guiglia, 1939: 62 (\$\frac{9}{2}\$). Holotype \$\frac{9}{2}\$, KENYA: Arero, 12.iv.1937 [Genoa Mus.] [not examined]. [Male unknown].
- Cerceris podagrosa Kohl., 1906 (9, 8); Empey, 1973: 4 (9, 8). LECTOTYPE 9, SO-COTRA: Ras Shoab, i.1899 (0. Simony) [Vienna Mus.]; designated by Empey (1973) [examined].

Paralectotype. SOCOTRA: 1 2, same data as lectotype [Vienna Mus.] [examined]. [The &-syntype, basis of Kohl's & description, is missing from the Vienna Museum].

[Two & specimens, basis of Empey (1974) & redescription, SOCOTRA: Hadibo Plain, 4.iv. 1967 (K. M. Guichard) [British Mus.] [examined].

- Cerçeris proteles Brauns, 1926: 290 (2). Holotype 2, ZAIRE: Kibombo, 7.xi.1910 (Dr Bequaert) [Transvaal Mus. 289] [examined]. [Male unknown].
- Cerceris pseudoerythrocephala Schulthess, 1926: 150 (2). [The holotype 2 is missing from the Vienna Museum, where Schulthess is presumed to have housed it]. [Male unknown].
  - Cerceris bequaerti Brauns, 1926: 328 (\$\times\$). LECTOTYPE \$\times\$, ZAÎRE: Kibombo, 4.xi.1910 (Collector: Dr. Bequaert) [Transvaal Mus. 249]; here designated [examined]; syn. nov.

Paralectotype. ZAÏRE: 1 2, same data as lectotype, but dated 18.i.1911 [Transvaal Mus. 250] [examined].

Brauns' C. bequaerti fits the description of Schulthess' C. pseudoerythrocephala perfectly, indicating synonymy. Both descriptions were published in 1926, but that of C. pseudoerythrocephala, published on 28.vii.1926 has priority, for C. bequaerti was published on 14.ix.1926].

Cerceris adulatrix Arnold, 1933a: 53 (\$\varphi\$); Empey, 1969: 302. Holotype \$\varphi\$, ZAÏRE: Kisangani (Stanleyville) (R. P. Kohl) [Tervuren Mus.] [examined]; syn. nov.

Cerceris quadridentata Arnold, 1931: 169 (♀). LECTOTYPE ♀, SOUTH WEST AFRI-CA (NAMIBIA): Okahandja, 2-18.iii. 1928 (R. E. Turner) [British Mus. 21.1252]; here designated [examined]. [Male unknown].

Paralectotypes. SOUTH WEST AFRICA (NAMIBIA): 3 9, same data as lectotype [British Mus.] [examined].

Cerceris querula querula Kohl; stat. nov.

Cerceris querula Kohl, 1906: 210 (3). Holotype 3, SOUTH YEMEN: Ras Farták, iii. 1899 (O. Simony) [Vienna Mus.] [examined]. [Female unknown].

Cerceris querula flavofemorata Arnold; comb. nov.

Cerceris ponderosa Arnold, 1931: 174 (9) (nec Brèthes, 1920); Empey, 1969: 319. Holotype 2, KENYA: Tana R., 8.xi.1912 (G. St. J. Orde-Browne) [British Mus. 21.1246] [examined].

Cerceris flavofemorata Arnold, 1942: 22 (3); Empey, 1969: 307. Holotype 3, ZIM-BABWE: Mt. Selinda, xi-xii.1930 (R. H. R. Stevenson) [South Afr. Mus.] [examined].

Cerceris maia Arnold, 1951: 114 (3); Empey, 1969: 307. Holotype 3, ETHIOPIA: Moggio, 23.iv.1948 (K. M. Guichard) [British Mus. 21.1276] [examined].

Cerceris raptor Smith, 1856: 449 (2). Holotype 2, W. AFRICA: Whydal (F. Smith Collection) [British Mus. 21.1310] [examined]. [Male unknown].

Cerceris rasoherinae Arnold, 1945: 29 ( $\mathfrak P$ ,  $\mathfrak F$ ). Holotype  $\mathfrak P$ , MADAGASCAR: Bekily, xi.1936 (A. Seyrig) [Paris Mus.] [examined].

Paratypes. MADAGASCAR: 1 & (allotype), same data as holotype [Paris Mus.] [examined]; 1 \( \frac{1}{2}, 1 \) \( \delta, \) same data as holotype [South Afr. Mus.] [examined]; 1 \$\overline{\chi}\$, \$\overline{\chi}\$ ame data as holotype [British Mus.] [examined].

- Cerceris rasoherinae var. debilis Arnold, 1945: 30 (\$\varphi\$, \$\varphi\$). Holotype \$\varphi\$, MADAGAS-CAR: Bekily, xi.1936 (\$A. Seyrig\$) [Paris Mus.] [examined]; syn. nov.
  - Paratypes. MADAGASCAR: 1 & (allotype), same data as holotype [Paris Mus.] [examined]; 1 &, same data as holotype [South Afr. Mus.] [examined].
- Cerceris reginula Brauns, 1926: 304 (\$\frac{9}{3}\$, \$\frac{3}{3}\$). LECTOTYPE \$\frac{9}{3}\$, SOUTH AFRICA (Cape): Willowmore, 15.i.1902 (Dr Brauns) [Transvaal Mus. 290]; here designated [examined].
  - Paralectotypes. SOUTH AFRICA: 1 &, same data as lectotype, but dated 15.iv.1903 [Transvaal Mus. 291] [examined]; 1 &, same data as lectotype, but dated 15.iv.1903 [British Mus.] [examined].
- Cerceris repraesentans Turner, 1919: 49 (9). Holotype 9, KENYA: Masai Reserve, 20.v.1913 (T. J. Anderson) [British Mus. 21.1381] [examined]. [Male unknown].
- Cerceris rhodesiae Brauns, 1926: 330 (\$\varphi\$, \$\delta\$). LECTOTYPE \$\varphi\$, ZIMBABWE: Harare (Salisbury), iv.1900 (\$G. A. K. Marshall\$) [Transvaal Mus. 292]; here designated [examined].
  - Paralectotype. ZIMBABWE: 1 &, same data as lectotype [Transvaal Mus. 293] [examined].
- Cerceris rhodesiensis Empey, 1971b: 259 (9, 8). Holotype 9, ZIMBABWE: Matetsi, 18.i.1935 [South Afr. Mus.] [examined].
  - Paratypes. ZIMBABWE: 1 & (allotype), Bulawayo, 10.xi.1924 (R. H. R. Stevenson) [South Afr. Mus.] [examined]; 4 &, Bulawayo [South Afr. Mus. and Empey Coll.][examined].
- Cerceris rigida Smith, 1856: 449 (\$\delta\$); Empey, 1969: 320 (\$\delta\$, \$\Quad\$). Holotype \$\delta\$, SOUTH AFRICA (Natal): Durban [British Mus. 21.1313] [examined].
  - Cerceris charimorpha Brauns, 1926: 322 (♀); Empey, 1969: 320. LECTOTYPE ♀, MOZAMBIQUE: Dondo, 10.ii.1924 (R. H. R. Stevenson) [South Afr. Mus.]; here designated [examined].
    - Paralectotype. SOUTH AFRICA (Natal): 1 \(\mathbb{Q}\), Durban (W. Haygarth) [Transvaal Mus. 326] [examined]..
- Cerceris rostrifera Brauns, 1926: 335 (?). Holotype ?, SOUTH AFRICA (Cape): Sundays River, 28.xii.1897 (C. Brauns) [Transvaal Mus. 294] [examined]. [Male unknown].
- Cerceris ruficauda ruficauda Cameron; Empey, 1969: 320.
  - Cerceris ruficauda Cameron, 1905: 224 (3) (sic!); Brauns, 1926: 296 (3, 4); Empey, 1974: 113. LECTOTYPE 3, SOUTH AFRICA (Cape): Stellenbosch (P. Cameron Collection) [British Mus. 21.1308]; here designated [examined].
    - Paralectotypes. SOUTH AFRICA (Cape): 2 &, Brak Kloof (Grahamstown Distr.), i.1895 (Mrs G. White) [Albany Mus.] [examined].
  - Cerceris ludibunda Arnold, 1931: 155 (&); Empey, 1969: 321. Holotype &, SOUTH AFRICA (Orange Free State): Harrismith, ii.1927 (R. E. TURNER) [British Mus. 21.1307] [examined].

Cerceris ruficauda pictinoda Cameron; Empey, 1974: 114.

Cerceris pictinoda Cameron, 1908: 277 (8) (sic!). Holotype 8, TANZANIA: Kibonoto, 6.ix.1905 (Sjöstedt Kilimandjaro-Meru Expedition) [Stockholm Mus. 299] [examined].

Cerceris ruficauda barbara Arnold, 1931: 152 (\$\partial\$); Empey, 1974: 114. Holotype \$\partial\$, KENYA: Mogorr River, v.1913 (A. O. Luckman) [British Mus. 21.1307] [examined].

Cerceris ruficauda lichtenburgensis Brauns; Empey, 1969: 321.

Cerceris lichtenburgensis Brauns, 1926: 291 (\$\hat{\psi}\$, \$\delta\$). LECTOTYPE \$\hat{\psi}\$, SOUTH AFRICA (Transvaal): Lichtenburg, 1.i.1906 (Dr Brauns) [Transvaal Mus. 272]; here designated [examined].

Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype [Transvaal Mus. 273] [examined].

Cerceris ruficauda senegalensis Empey, 1974: 114 (\$\varphi\$, \$\delta\$). Holotype \$\varphi\$, SENEGAL: Santiaba Forest (Mandjak Oussouye), Casamanu, 10.v.1968 (Camicas) [ORSTOM] [examined].

Paratype. SENEGAL: 1 & (allotype), same data as holotype [ORSTOM] [examined].

Cerceris rufiscutis rufiscutis Cameron; Empey, 1969: 321

Cerceris rufiscutis Cameron, 1908: 278 (\$\varphi\$, \$\delta\$); Empey, 1974: 120. LECTOTYPE \$\varphi\$, TANZANIA: Kibonoto (Sjöstedt Kilimandjaro-Meru Expedition) [British Mus. 21.1247c]; designated by Empey 1974) [examined].

Paralectotypes. TANZANIA: 2 8, same data as lectotype [British Mus.

21.1247a-b, respectively] [examined].

Cerceris mochiana Soika, 1942: 205 (\$\times\$); Empey, 1974: 121. Holotype \$\times\$, ETHIO-PIA: Harrar, 5.v.1937 (A. Mochi Collection) [Turin Univ.] [examined].

Cerceris rufiscutis decolorata Arnold, 1931: 182 (\$\frac{1}{2}\$, \$\delta\$). LECTOTYPE \$\frac{1}{2}\$, KENYA: 30 miles from Magadi Junction, iv.1912 (F. G. Hamilton) [British Mus. 21.1248a]; here designated [examined].

Paralectotype. KENYA: 1 &, same data as lectotype [British Mus. 21.1248b] [examined].

Cerceris rufiscutis conradsi Soika; Empey, 1969: 321; 1974: 122.

Cerceris rufiscutis var. conradsi Soika, 1942: 206 (?). Holotype ?, TANZANIA: Marienhof (Ukerewe), 1911 (Conrads) [Turin Univ.] [examined]. [Male unknown].

Cerceris rufiscutis beniensis Empey, 1974: 125 (\$\frac{9}{2}\$). Holotype \$\frac{9}{2}\$, ZAIRE: Beni, 1.v.1914 [South Afr. Mus.] [examined]; syn. nov.

Cerceris rufiscutis umtaliensis Empey, 1974: 123 (2, 3). Holotype 2, ZIMBABWE: Umtali, 8.ii.1955 [South Afr. Mus.] [examined].

Paratypes. ZIMBABWE: 1 & (allotype), Umtali (Vumbu), 20.iii.1931 [South Afr. Mus.] [examined]; 5 &, 11 &, same data as holotype [South Afr. Mus.]; [Tervuren Mus.]; [U.S. Mus.]; [Empey Coll.] [examined].

- Cerceris rufscutis aethiopica Empey, 1974: 125 ( $\mathcal{P}$ ,  $\mathcal{S}$ ). Holotype  $\mathcal{P}$ , ETHIOPIA: Asmara, 8.viii.1958 (leg A. Giordani Soika) (Empey Collection) [Transvaal Mus.] [examined]. Paratypes. ETHIOPIA: 1  $\mathcal{S}$  (allotype), same data as holotype [Transvaal Mus.] [examined]; 1  $\mathcal{P}$ , 1  $\mathcal{S}$ , same data as holotype [Empey Coll.] [examined].
- Cerceris rufiscutis kenyae Empey, 1974: 126 (?). Holotype ?, KENYA: Nairobi, 14.vii.1957 (Empey Collection) [Transvaal Mus.] [examined]. [Male unknown].

Cerceris rufiscutis ndebele; nom. nov.

Cerceris rufiscutis matabele Empey, 1974: 122 (\$\varphi\$, \$\delta\$) (nec Brauns, 1926). Holotype \$\varphi\$, ZIMBABWE: Nyamandhlovo, 18.iv.1926 (R. H. R. Stevenson) [South Afr. Mus.] [examined].

Paratypes. ZIMBABWE: I & (allotype), same data as holotype [South Afr. Mus.] [examined]; 69, 6 &, Bembesi, Nyamandhlovo, Bulawayo, Harare (Salisbury), Khami Ruins and Norton [South Afr. Mus.]; [Tervuren Mus.]; [Empey Coll.] [examined].

Cerceris rufocincta rufocincta Gerstaecker; Empey, 1974: 103.

Cerceris rufocincta Gerstaecker, 1857: 510 (?). Holotype ?, MOZAMBIQUE: Inhabane [Type presumed Berlin Mus.] [not examined].

Cerceris varicincta manicana Arnold, 1931: 154 (\$\varphi\$, \$\varphi\$); Empey, 1969: 321. LECTO-TYPE \$\varphi\$, ZIMBABWE: Vumbu Mts., ii.1924 [South Afr. Mus.]; here designated [examined].

Paralectotypes. ZIMBABWE: 1 \( \bar{2} \), 2 \( \delta \), same data as lectotype [South Afr. Mus.] [examined]; 1 \( \bar{2} \), same data as lectotype [British Mus.] [examined].

Cerceris rufocincta polychroma Gribodo; Empey, 1974: 103.

Cerceris polychroma Gribodo, 1895: 355 (\$\varphi\$) (separate) (nec Holmberg, 1904). Syntypes \$\varphi\$, SOUTH AFRICA (Natal): Howick. [Syntypes presumed to be in Turin Univ.] [not examined].

Cerceris jackal Brauns, 1926: 310 (\$\varphi\$, \$\delta\$); Empey, 1974: 103. LECTOTYPE \$\varphi\$, SOUTH AFRICA (Cape): Algoa Boy, 20.xi.1897 (Dr H. Brauns) [Transvaal Mus. 267]; here designated [examined].

Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype [Transvaal Mus. 268] [examined].

Cerceris rufocincta sokotrae Kohl; Empey, 1974: 103.

Cerceris sokotrae Kohl, 1906: 207 (\$\frac{1}{2}\$, \$\frac{1}{2}\$); Empey, 1973: 6 (\$\frac{1}{2}\$, \$\frac{1}{2}\$). LECTOTYPE \$\frac{1}{2}\$, SOCOTRA: Ras Shoab, ii.1899 (O. Simony) [Vienna Mus.]; designated by Empey (1973) [examined].

Paralectotype. SOCOTRA: 1 &, same data as lectotype [Vienna Mus.] [examined].

Cerceris rufocincta basiornata Cameron; Empey, 1974: 104.

Cerceris basiornata Cameron, 1908: 273 (3). Holotype 3, KENYA: Meru (Sjöstedt Kilimandjaro-Meru Expedition) [Stockholm Mus. 292] [examined].

Cerceris bredoi Arnold, 1958: 130 (\$\varphi\$, \$\delta\$); Empey, 1974: 104. Holotype \$\varphi\$, ZAM-BIA: Kamputa (Mweru), 3.ii.1944 (H. J. Bredo) [South Afr. Mus.] [examined].

Paratype. ZAMBIA: 1 \$\delta\$, Abercorn, vi.1945 (H. J. Bredo) [South Afr. Mus.] [examined].

- Cerceris rufocincta voltaica Empey, 1974: 104 (\$\frac{1}{2}\$, \$\delta\$). Holotype \$\frac{1}{2}\$, UPPER VOLTA: Pala (C. Bobo-Dioulasso), 29.v.1968 (J. Hamon) [ORSTOM] [examined].
  - Paratypes. UPPER VOLTA: 1 & (allotype), Koro (Cercle Bobo-Dioulasso), 13.xii.1967 (J. Hamon) [ORSTOM] [examined]; 1 & 4 & Koro, 13.xii.1967 (J. Hamon) [Empey Coll.]; [ORSTOM] [examined].
- Cerceris saegeri Empey, 1970: 180 (\$\Pi\$). Holotype \$\Pi\$, ZAIRE: Garamba National Park, 19.viii.1952 (H. de Saeger) [Tervuren Mus.] [examined]. [Male unknown].
- Cerceris schoutedeni Brauns, 1914: 235 (\$\frac{1}{2}\$, \$\frac{1}{2}\$). LECTOTYPE \$\frac{1}{2}\$, ZAIRE: Lubumbashi (Elizabethville), 29.ii.1912 (Dr Bequaert) [Tervuren Mus.]; here designated [examined].
  - Paralectotypes. ZAIRE: 1 &, same data as lectotype [Tervuren Mus.] [examined]; 1 &, 1 &, same data as lectotype [Transvaal Mus. 295 and 296, respectively] [examined].
- Cerceris schultzei Bischoff, 1913: 116 (♀, ♂). LECTOTYPE ♀, BOTSWANA: Sevrelela (Kakia Distr.), 10.xi.1904 (L. Schultze) [Berlin Mus.]; here designated [examined].

  Paralectotype. BOTSWANA: 1 ♂, same data as lectotype [Berlin Mus.] [examined].
  - Cerceris transvaalicola Brauns, 1914: 232 ( $\mathfrak{P}$ ,  $\mathfrak{F}$ ); Arnold, 1931: 149. LECTOTYPE  $\mathfrak{P}$ , SOUTH AFRICA (Transvaal): Lichtenburg, 10.xii.1905 (*Dr Brauns*) [Transvaal Mus. 299]; here designated [examined].

Paralectotypes. SOUTH AFRICA (Transvaal): 1  $\delta$ , same data as lectotype [Transvaal Mus. 300] [examined]; 1  $\delta$ , MOZAMBIQUE: Delgoa Bay (Maputa) [British Mus.] [examined].

- Cerceris seminigra Taschenberg, 1875: 401 (\$\partial \chi\$). Holotype \$\partial \chi\$, SUDAN: Khartoum [presumed in Halle Inst.] [not examined].
- Cerceris severini Kohl, 1913: 207 (\$\partial \text{?}); Brauns, 1926: 289 (\$\partial \text{, \$\delta \text{)}}. Holotype \$\partial \text{, ZAIRE} [Tervuren Mus.] [examined].
  - [SPECIMEN-& (erroneously labelled as 'type-&'), basis of Brauns (1926) & description, ZAMBIA: Ndola, v.1923 [Transvaal Mus. 297] (examined)].
  - Cerceris nigeriae Brauns, 1926: 287 (\$). Holotype \$\foat9\$, NIGERIA: Afikpo, 2.vi.1910 (J. J. Simpson) [British Mus.] [holotype label added by Empey] [examined]; syn. nov.
- Cerceris seyrigi Arnold, 1945: 27 (\$\cop\$, nec \$\delta\$). Holotype \$\cop\$, MADAGASCAR: Bekily, ii.1937 (A. Seyrig) [Paris Mus.] [examined]. [True male unknown].
  - Paratype. MADAGASCAR: 1 & (allotype), same data as holotype [Paris Mus.] [examined]. [Misassociation of sexes, misidentified paratype]; [this & belongs to another undescribed species].
- Cerceris somalica Arnold, 1940: 106 (δ). Holotype δ. SOMALIA: Mogadiscio, v.1936 [Turin Univ.] [examined]. [Female unknown].
- Cerceris spectrum spectrum Arnold; Empey, 1969: 322.
  - Cerceris spectrum Arnold, 1936: 1 ( $\mathcal{P}$ ,  $\mathcal{S}$ ). LECTOTYPE  $\mathcal{P}$ , ZIMBABWE: Matetsi, 14.ii.1935 (R. H. R. Stevenson) [South Afr. Mus.]; here designated [examined].
    - Paralectotype. ZIMBABWE: 1 &, Sawmills, 12.ii.1923 (Swinburne & Stevenson) [South Afr. Mus.] [examined].

Cerceris spectrum multipictoides Soika, 1942: 208 ( $\mathcal{S}$ ,  $\mathcal{S}$ ). Holotype  $\mathcal{S}$ , KENYA: Ikutha, 1898 [Turin Univ.] [examined].

Paratype. SOMALIA: 1 & (allotype), Isha Baidao, vii.1935 (A. Mochi Collection) [Turin Univ.] [examined].

Cerceris spinicaudata spinicaudata Cameron; Empey, 1974: 116.

Cerceris spinicaudata Cameron, 1905: 216 (\$\frac{9}{2}\$); Brauns, 1926: 336 (\$\frac{9}{2}\$, \$\frac{3}{2}\$). Holotype \$\frac{9}{2}\$, SOUTH AFRICA (Cape): Pearston (Collector: Dr Robert Broom) (P. Cameron Collection) [Transvaal Mus. 316] [examined].

[SPECIMEN-& (erroneously labelled as 'type-&'), basis of Brauns (1926) & description, SOUTH AFRICA (Transvaal): Lichtenburg (Dr Brauns) [Transvaal Mus. 298] (examined)].

Cerceris rufifrons Arnold, 1932: 10 (♀); syn. nov.

The type of C. rufifrons Arnold was destroyed when the Hamburg Museum (Germany) was bombed during the 1939-45 war. Arnold's description of this species fits the  $\delta$  of C. spinicaudata Cameron, which indicates that they may be conspecific].

- Cerceris spinicaudata maliensis Empey, 1974: 116 (\( \frac{1}{2}, \delta \)). Holotype \( \frac{1}{2}, \delta ALI: \)
  Ségou (Niger River) (J. Hamon) [ORSTOM] [examined].
  - Paratypes. MALI: 1 & (allotype), 2 &, same data as holotype [ORSTOM] [examined]; 1 \, \, 2 \, \, same data as holotype [Empey Coll.] [examined]
- Cerceris spirans Saussure, 1892: 553 (\$\varphi\$, \$\delta\$). LECTOTYPE \$\varphi\$, MADAGASCAR: Nossibe (H. Saussure) [Geneva Mus.]; here designated [examined]. [Saussure's label on lectotype is spelt: 'spirins' (sic)].

Paralectotype. MADAGASCAR: 1 &, same data as lectotype [Geneva Mus.] [examined].

- Cerceris splendidissima Soika, 1942: 198 (?). Holotype ?, TANZANIA: Bukoba (Usunbura), 1910 (Grauer) [Turin Univ.] [examined]. [Male unknown].
- Cerceris stevensoni Brauns, 1926: 300 (\$\Pi\$); Empey, 1974: 107 [misidentification]. Holotype \$\Pi\$, MOZAMBIQUE: Dondo, 24.ii.1923 (R. Stevenson) [South Afr. Mus.] [examined]. [Male unknown].
- Cerceris synagroides Turner, 1912a: 413 (?). Holotype ?, MALAWI: Mombera Distr., 15-19.vi.1910 (S. A. Neave) [British Mus. 21.1282] [examined]. [Male unknown].
- Cerceris tenuiventris Arnold, 1958: 132 (3). Holotype 3, ZIMBABWE: Victoria Falls, 17.xi.1942 [South Afr. Mus.] [examined]. [Female unknown].
- Cerceris trichionota trichionota Cameron; Empey, 1974: 117.
  - Cerceris trichionota Cameron, 1908: 275 (3); Empey, 1974: 117 (3, 2). Holotype 3, KENYA: Meru, 25.xi.1905 (Sjöstedt Kilimandjaro-Meru Expedition) [Stockholm Mus. 300] [examined].

[SPECIMEN-? (erroneously labelled as 'metallotype'), basis of Empey (1974) ? description, KENYA: Nairobi, 16.vii.1964 (Empey Collection) [Transvaal Mus.] (examined)].

Cerceris trichionota ovambo Empey; Empey, 1974: 119.

Cerceris kalaharica ovambo Empey, 1972: 58 (\$\varphi\$, \$\delta\$). Holotype \$\varphi\$, SOUTH WEST AFRICA (NAMIBIA): Kamanjab, iii.1925 (S. A. Mus. Exped.) [South Afr. Mus.] [examined].

- Paratypes. SOUTH WEST AFRICA (NAMIBIA): 1 & (allotype), same data as holotype [South Afr. Mus.] [examined]; 2\, 1\, \delta\, Namutoni, 10.i.1960 (H. N. Empey) [Empey Coll.] [examined]; 1\, \delta\, Ondgandjara, iii.1913 (Dr Brauns) [Transvaal Mus.] [examined].
- Cercetis trichionota somereni Empey, 1974: 119 (\$\frac{1}{2}\$). Holotype \$\frac{1}{2}\$, KENYA: Nyeri, xii.1948 (V. G. L. van Someren) [British Mus.] [examined]. [Male unknown].

Cerceris tricolorata tricolorata Spinola; stat. nov.

- Cerceris tricolorata Spinola, 1838: 493 (?); Beumont, 1951a: 176-9; 1952b: 338. Holotype ?, EGYPT Turin Univ.] [examined].
- Cerceris vidua Klug, 1845: Plate 47, fig. 11 (d); Beaumont, 1952b: 338. Holotype d, ARABIA [Berlin Mus.] [not examined].
- Cerceris insignis Klug, 1845: Plate 47, fig. 12 (\$\times\$); Beaumont, 1952b: 338. Holotype \$\times\$, ARABIA [Berlin Mus.] [not examined].
- Cerceris congesta Soika, 1942: 203 (d). Holotype d, SOMALIA: Isha Baidao, v.1935 (Collection A. Mochi) [Turin Univ.] [examined]; syn. nov.

Paratype. SOMALIA: 1 &, same data as holotype [Turin Univ.] [examined].

- Cerceris bulloni Mari, 1945: 226 (\$\varphi\$); 1947: 20 (\$\delta\$); Beaumont, 1952b: 339. Holotype \$\varphi\$, SPANISH SAHARA: [Madrid Mus.] [not examined].
- Cerceris tricolorata nigrifrons Smith; comb. nov.
  - Cerceris nigrifrons Smith, 1856: 450 (3); Brauns, 1926: 319 (3, \( \varphi \)). Holotype 3, AFRICA: (F. Smith Collection) [British Mus. 21.1289] [examined].
  - Cerceris trivialis Gerstaecker, 1857: 510 (\$\Pi\$); Brauns, 1926: 320. Holotype \$\Pi\$ [Berlin Mus.] [not examined].
  - Cerceris erythrospila Cameron, 1910: 148 (d); Empey, 1969: 316. [Type missing from Transvaal Museum]. [Type could be the misidentified paralectotype of C. heterospila Cameron (see C. kilimandjaroensis heterospila Cameron, above)] [Transvaal Mus.] [examined].
  - Cerceris ventrilobata Brauns, 1917; 239; nomen nudum; syn. nov.
    - [A specimen labelled by Brauns as 'Cotype C. ventrilobata' has been found in the British Musum (Nat. Hist.) collection placed under C. nigrifrons Smith] [examined]. [Determined by Empey: 'Invalid. Manuscript name only.'].
- Cerceris tricolorata amaura Kohl; comb. nov.
  - Cerceris amaura Kohl, 1891: 16 (\$). Holotype \$, ZAIRE: Cap van Gêle [Belgian Inst.] [examined]. [Decapitated].
  - Cerceris theryi Arnold, 1932: 11 (\$\Phi\$). Holotype \$\Phi\$, ZAIRE: Gundji, 20.xi.1927 (ex. Coll. Thery) [South Afr. Mus.] [examined].
  - Cerceris nigrifrons ancilla Arnold, 1942: 7 (\$\frac{1}{2}\$, \$\delta\$); Empey, 1969: 316. LECTOTYPE

    \$\frac{2}{2}\$, LIBERIA: Gbanga, ix.1936 [South Afr. Mus.]; here designated [examined].

    Paralectotype, LIBERIA: 1 \$\delta\$, same data as lectotype [South Afr. Mus.] [exam-

Paralectotype. LIBERIA: 1 o, same data as lectotype [South Afr. Mus.] [examined].

- Cerceris tsontandae Arnold, 1946: 82 (?). Holotype ?, ZIMBABWE: Tshontanda, 12.xi.1942 [South Afr. Mus.] [examined]. [Male unknown].
- Cerceris tyrannica Smith, 1856: 447 (\$\times\$). Holotype \$\times\$, GAMBIA: (F. Smith Collection) [British Mus. 21.1255] [examined].
  - Cerceris sulcipyga Mochi, 1939: 154 ( $\mathcal{P}$ ,  $\mathcal{S}$ ); Beaumont, 1952b: 383. Holotype  $\mathcal{P}$ ,

- EGYPT: Wasta, 12.xi.1934 [Cairo Mus.] [not examined]; syn. nov.
- Paratypes. EGYPT: 1 2, Kharga Oasis, ii.1912 [Turin Univ.] [examined]; 1 0, Gebel Elba, 30.i.1933 [Cairo Mus.] [not examined].
- Cerceris ugandensis Arnold, 1931: 179 (2). LECTOTYPE 2, UGANDA: Bodongo Forest (Unyoro), 11-15.xii.1911 (S. A. Neave) [British Mus. 21.1251]; here designated [examined]. [Male unknown].
  - Paralectotype, UGANDA: 1 9, Daro (or Durro) Forest, Toro, 25-29.x.1911 (S. A. Neave) [British Mus.] [examined].
- Cerceris ulcerosa Arnold, 1936: 4 ( $\mathfrak{P}$ , nec  $\mathfrak{F}$ ); Empey, 1969: 324. Holotype  $\mathfrak{P}$ , ZIM-BABWE: W. Matetsi, iv.1934 (R. H. R. Stevenson) [South Afr. Mus.] [examined]. [True male unknown].
  - Paratype. ZIMBABWE: 1 &, same data as holotype [South Afr. Mus.] [examined]. [Misassociation of sexes, misidentification (see C. erythrosoma Schletterer, above)].
- Cerceris umhlangae Arnold, 1942: 15 (?). Holotype ?, SOUTH AFRICA (Natal): Umhlanga, iv.1941 [South Afr. Mus.] [Examined]. [Male unknown].
- Cerceris uncifera Arnold, 1931: 156 (3). Holotype 3, NIGERIA: Lanwa, 25.v.1912 (Dr J. W. Scott-Macfie) [British Mus. 21.1295] [examined]. [Female unknown].
- Cerceris uncta Arnold, 1931: 175 (\$\Pi\$). Holotype \$\Pi\$, GAMBIA: 29.iii.1911 (J. J. Simpson) [British Mus. 21.1256] [examined]. [Male unknown].
- Cerceris vagula Kohl, 1906: 209 (\$); Empey, 1973: 10 (\$\foat, \$\delta\$). Holoype \$\foat, SOUTH YEMEN: Ras Farták, iii.1899 (O. Simony) [Vienna Mus.] [examined].

  [SPECIMEN-\$\delta\$ (erroneously labelled 'metallotype'), basis of Empey (1973) \$\delta\$ description, SAUDI ARABIA: Julial Dakka (S.W. of Taif), 22.vi.1962 (G. Popov) British Mus. (examined)].
- Cerceris varicincta Cameron, 1905: 224 (\$\frac{1}{2}\$); Brauns, 1926: 318 (\$\frac{1}{2}\$, \$\frac{1}{2}\$). LECTOTYPE \$\frac{1}{2}\$, SOUTH AFRICA (Cape): Dunbrody (Uitenhage Distr.) (Collector: O'Neil) (P. Cameron Collection) [British Mus. 21.1214]; here designated [examined].
  - Paralectotype. SOUTH AFRICA (Cape): 1 &, Pearston (Collector: Dr Robert Broom) (P. Cameron Collection) [British Mus.] [examined]
  - [SPECIMEN-& (erroneously labelled as 'type-&'), basis of Brauns (1926) & description, SOUTH AFRICA (Cape): Oudtshoorn, 10.xii.1902 (Dr Brauns) [Transvaal Mus. 302] (examined)].
  - Cerceris mutabilis Arnold, 1931: 157 (♂); Empey, 1971b: 262 (♂, ♀). Holotype ♂, SOUTH AFRICA (Natal): Van Reenen, 1-22.i.1927 (R. E. Turner) [British Mus. 21.1299] [examined]; syn. nov.
    - [SPECIMEN-\( \text{ (erroneously labelled 'metallotype'), basis of Empey (1971b) \( \text{ description, SOUTH AFRICA (Transvaal): Strubens Valley (Florida Distr.), \( 27.xi.1965 \) (H. N. Empey) [Transvaal Mus. 1283] (examined)].
  - Cerceris empeyi Arnold, 1962: 848 (3). Holotype 3, SOUTH AFRICA (Transvaal): Strubens Valley (Florida Distr.), 4.xi.1961 (H. N. Empey) [South Afr. Mus.] [examined]; syn. nov.
- Cerceris vegeta Arnold, 1940: 108 (3). Holotype 3, ZIMBABWE: Chirinda Forest, xii.1935 [South Afr. Mus.] [examined]. [Female unknown].

Cerceris ventripilosa Empey, 1972: 66.

Cerceris turneri Arnold, 1931: 168 (\$\varphi\$, \$\delta\$) (nec Shestakov, 1918). LECTOTYPE \$\varphi\$, SOUTH WEST AFRICA (NAMIBIA): Okahandja, 10-16.ii.1928 (R. E. TUR-NER) [British Mus. 21.1280a]; here designated [examined].

Paralectotype. SOUTH WEST AFRICA (NAMIBIA): 1 &, same data as lectotype [British Mus. 21.1280b] [examined].

- Cerceris verecunda Arnold, 1958: 132 (\$\varphi\$). Holotype \$\varphi\$, ZAMBIA: Kaputa (Mweru), 3.ii.1944 [South Afr. Mus.] [examined]. [Male unknown].
- Cerceris vernayi Arnold, 1935a: 501 (3). Holotype 3, BOTSWANA: Kuke Pan, 21-30.iii.1930 (Vernay-Lang Kalahari Expedition) [Transvaal Mus. 309] [examined]. [Decapitated]. [Female unknown].
- Cerceris vigilans Smith, 1856: 454 (3). LECTOTYPE 3, INDIA: Madras (W. Elliot) [British Mus. 21.1349]; here designated [examined].

Paralectotypes. INDIA: 2 &, same data as lectotype [British Mus.] [examined].

Cerceris lanata Cameron, 1907: 1009 (3); Turner, 1912: 511. LECTOTYPE 3, INDIA: Abu (Nurse Collection) [British Mus.]; here designated [examined].

Paralectotypes. INDIA: 5 &, same data as lectotype [British Mus.] [examined].

Cerceris vigilans pervigilans Turner, 1913: 744 (\$\varphi\$, \$\varphi\$). LECTOTYPE \$\varphi\$, KENYA: Simba, 8-9.iv.1911 (\$S. A. Neave) [British Mus. 21.1285]; here designated [examined]; syn. nov.

Paralectotype. KENYA: 1 &, Kuja Valley (S. Kavirondo), 30.iv.-1.v.1911 (S. A.

Neave) [British Mus.] [examined].

Cerceris trilineata Bischoff, 1913: 116 (d). Holotype d, BOTSWANA Ku-Gudië (L. Schultze) [Berlin Mus.] [examined]; syn. nov.

Cerceris fongosi Brauns, 1926: 272 (\$\varphi\$, \$\varphi\$); Arnold, 1931: 149. LECTOTYPE \$\varphi\$, SOUTH AFRICA (Natal: Zululand): Mfongosi, xii.1911 (W. E. Jones) [Transvaal Mus. 300]; here designated [examined]; syn. nov.

Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype [Transvaal Mus. 301] [examined].

Cerceris vulpecula vulpecula Empey, 1971b: 256 (\$\frac{1}{2}\$, \$\delta\$). Holotype \$\frac{1}{2}\$, SOUTH WEST AFRICA (NAMIBIA): Kamanjab, iii.1925 (\$\delta\$. A. Mus. Exped.) [South Afr. Mus.] [examined].

Paratypes. SOUTH WEST AFRICA (NAMIBIA): 1 & (allotype), same data as holotype [South Afr. Mus.] [examined]; 1 &, Kaoko Otavi, iii.1925 (S. A. Mus. Exped.) [South Afr. Mus.] [examined]; 1 &, Windhoek, 16.ii.1960 (H. N. Empey) [Empey Coll.] [examined]; 1 &, Windhoek, 7.iii.1966 (F. Herbst) [Herbst Coll.] [examined].

- Cerceris vulpecula fuscicauda Empey, 1971b: 259 (3). Holotype 3, SOUTH AFRICA (Cape): Upington, 10.ii.1960 (H. N. Empey) [Transvaal Mus.] [examined]. [Female unknown].
- Cerceris waltoni Arnold, 1940: 107 (\$\Phi\$). Holotype \$\Phi\$, SOUTH AFRICA (Cape): Resolution (Albany Distr.), 11.iii.1928 (A. Walton) [Transvaal Mus. 305] [examined]. [Male unknown].

- Cerceris xanthogaster Arnold, 1942: 21 (\$\partial \text{)}. Holotype \$\partial \text{, ZIMBABWE: Bulawayo (Spongweni), 3.xii.1931 (R. H. R. Stevenson) [South Afr. Mus.] [examined]. [Male unknown].
  - Paratype. ZIMBABWE: 1 \$\,\ \text{same data as holotype, but dated 15.ii.1931} [South Afr. Mus.] [examined].
- Cerceris xanthostigma Arnold, 1945: 39 (\$\varphi\$). Holotype \$\varphi\$, MADAGASCAR: Rogez (E. Coast Forest), iii.1937 (A. Seyrig) [Paris Mus.] [examined]. [Male unknown].
- Cerceris xosa Brauns, 1926: 274 (\$\foats, \delta\)). LECTOTYPE \$\foats, SOUTH AFRICA (Natal): Malvern, iv.1916 (\$C. N. Barker\$) [Transvaal Mus. 322]; here designated [examined].
  - Paralectotype. SOUTH AFRICA: 1 &, same data as lectotype [Transvaal Mus. 323] [examined].
  - Cerceris rectinodes Mari, nomen nudum; Empey, 1969: 327.
- Cerceris yalensis Turner, 1913: 744 (9, nec 3); 1918a: 91; Empey, 1972: 50 (3, 9). LECTOTYPE 9, KENYA: Yala R. (S. edge of Kakumga Forest), 21-28.v.1911 (S. A. Neave) [British Mus. 21.1283]; here designated [examined].
  - Paralectotype. KENYA: 1 &, same data as lectotype [British Mus.] [examined]. [Misassociation of sexes, misidentified paralectotype (see C. iniqua cratocephala Cameron, above)].
  - [SPECIMEN-o (erroneously labelled 'metallotype'), basis of Empey (1972) odescription, ZAIRE: Eala, ix.1935 (J. Ghesquiere) [Tervuren Mus.] (examined)].
  - Cerceris uxor Leclercq, 1955: 47 (\$\varphi\$); Empey, 1969: 325. Holotype \$\varphi\$, RUANDA: Dendezi [Tervuren Mus.] [examined].
    - Paratypes. RUANDA: 1 9, same data as holotype [Tervuren Mus.] [examined]; 1 9, same data as holotype [Belgian Inst.] [examined].
- Cerceris yngwei Cameron, 1908: 273 (\$\partial \text{:} Empey, 1974: 112. LECTOTYPE \$\partial \text{.} TANZANIA: Kibonoto (Sjöstedt Kilimandjaro-Meru Expedition) [Stockholm Mus. 301]; designated by Empey (1974) [examined].
  - Paralectotypes. TANZANIA: 1  $\mathcal{P}$ , same data as lectotype [Stockholm Mus. 302] [examined]; 2  $\mathcal{P}$ , same data as lectotype [British Mus. 21.1212a and b] [examined].
  - Cerceris massaica Cameron, 1908: 274 (3); Arnold, 1931: 190. Holotype 3, TANZA-NIA: (Sjöstedt Kilimandjaro-Meru Expedition) [Stockholm Mus. 304] [examined].
  - Cerceris vumbui Arnold, 1931: 180 (\$\varphi\$, \$\varphi\$); Empey, 1969: 326. LECTOTYPE \$\varphi\$, ZIMBABWE: Vumbu Mts., 2-15.ii.1924 [South Afr. Mus.]; here designated [examined].
    - Paralectotypes. ZIMBABWE: 2 &, same data as lectotype, but dated ii.1928 [South Afr. Mus.] [examined]; 1 &, same data as lectotype [British Mus.] [examined].
- Cerceris zavattarii Guiglia, 1939: 58 (\Phi, \delta), Holotype \Phi, ETHIOPIA: Neghelli, 10-20.iii.1937 (E. Zavattari) [Museo Januense] [not examined].
  - Paratypes. ETHIOPIA: 2 0, same data as holotype [Museo Januense] [not examined].

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#### REFERENCES

AKNO.	101-38.
	1931. The Sphegidae of South Africa, Part XV. Annals of the Transvaal Museum 14(2): 135-220.
	1932. New species of Ethiopian Sphegidae. Occasional Papers of the Rhodesian Museum 1(1): 1-31.
	1933a. New species of African Hymenoptera, No. 1. Occasional Papers of the Rhodesian Museum 1(2): 51-6.
	1933b. Entomological Expedition to Abyssinia, 1926-27. Hymenoptera II: Sphegidae and Psammocharidae. Annals and Magazine of Natural History, Serial 10, 9: 351-71.
	1935a. Scientific results of the Vernay-Lang Kalahari Expedition, March to September, 1930: Sphegidae and Psammocharidae. Annals of the Transvaal Museum 16(4): 497-524.
	1935b. Mission J. de Lepiney au Soudan Français (1933-1934): Hyménoptères. On some Fossorial Hymenoptera from the Soudan (Sphegidae). Bulletin de la Société des Sciences Naturelles du Maroc 15: 1-7.
	1936. New species of African Hymenoptera, No. 3. Occasional Papers of the Rhodesian Museum 1(5): 1-38.
	1940. New species of African Hymenoptera, No. 4. Annals of the Transvaal Museum 20(2): 101-43.
	1942. Systematic notes on African Cerceris (Hymenoptera) and descriptions of new species. Journal of the Entomological Society of southern Africa 5: 1-25.
	1943. Parc National Albert I. Mission G. F. Witte 1933-1935. l'Institut des Parcs Nationaux du Congo Belge 43(12): 71-84.
	1945. The Sphecidae of Madagascar. The National Museum of Southern Rhodesia.
	1946. New species of African Hymenoptera, No. 6. Occasional Papers of the National Museum of Southern Rhodesia 2(12): 49-97.
	1947. New species of African Hymenoptera, No. 7. Occasional Papers of the national Museum of Southern Rhodesia 2(13): 131-67.
	1949. New species of African Hymenoptera, No. 9. Occasional Papers of the National Museum of Southern Rhodesia 2(15): 261-75.
	1951. Sphecidae and Pompilidae (Hymenoptera) collected by Mr K. M. Guichard in West Africa and Ethiopia, 1941-1948. Bulletin of the British Museum (Natural History), Entomology 2(3): 97-183.
	1952. New species of African Hymenoptera, No. 10. Occasional Papers of the National Museum of Southern Rhodesia 17: 460-93.
	1955. New species of African Hymenoptera, No. 11. Occasional Papers of the National Museum of Southern Rhodesia 20: 733-62.

Museum of Southern Rhodesia 22B: 119-43.

1958. New species of African Hymenoptera, No. 13. Occasional Papers of the National

- 1960. New species of African Hymenoptera, No. 15. Occasional Papers of the National Museum of Southern Rhodesia 24B: 452-88. 1962. New species of African Hymenoptera, No. 16. Occasional Papers of the National Museum of Southern Rhodesia 26B: 844-55. BEAUMONT, J. de. 1950a. Synonymies de quelques Cerceris, No. 1. Mitteilungen der Schweizerischen Entomologischen Gesellschaft 23: 317-28. 1950b. Sphecidae récoltés en Algérie et au Maroc par M. Kenneth M. Guichard. Bulletin of the British Museum (Natural History), Entomology 1: 301-427. 1951. Synonymies de quelques Cerceris, No. 2. Mitteilungen der Schweizerischen Entomologischen Gesellschaft 24: 175-80. 1952a. Les Cerceris de la faune Française. Annales de la Société entomologique de France 119(1950): 23-80. 1952b. Contribution à l'étude des Cerceris nord-Africaines. Eos. Revista española de entomologia, Madrid, 27(1951): 299-408. BINGHAM, C. T. 1902. On the Hymenoptera collected by Mr W. L. Distant in the Transvaal, South Africa, with some descriptions of supposed new species. Annals and Magazine of Natural History, Serial 7, 10: 207-22. BISCHOFF, H. 1911. Hymenoptera fossoria: Chrysididae, Stephanidae. Wissenschaftliche Ergebnisse der Deutschen Zentral-Afrika Expedition, 1907-08 3(7): 215-30. 1913. Hymenoptera fossoria. Tl. I. In Schultze: Zool. n. antrop. Ergebnisse e. Forschungsreise in Süd-Afrika V (2). Denkschriften der medizinisch-naturwissenschaftlichen Gesellschaft zu | lena 17: 111-24. BOHART, R. M., and A. S. MENKE, 1976. Sphecid Wasps of the World. University of California Press, Berkeley. BRAUNS, H. 1914. Die Aethiopischen Cerceris-Arten. Revue zoologique africaine 3(2): 218-38. - 1917. Notes and synonymy of Hymenoptera in the collection of the Transvaal Museum. Annals of the Transvaal Museum 5(4): 238-45. - 1926. The Ethiopian Cerceris species. Annals of the Transvaal Museum 11(4): 268-337. BUYSSON, R. du. 1897. Voyage de M. E. Simon dans l'Afrique australe (janvier-avril 1893), 6º Mémoire: Hyménoptères. Annales de la Société entomologique de France, 1897: 251-63. CAMERON, P. 1890. Hymenoptera orientalis: or, contributions to a knowledge of the Hymenoptera of the Oriental Zoological Region, Part 2. Memoirs and Proceedings of the Manchester Literary and Philosophical Society (4)3: 239-85. 1905. Some new genera and species of Hymenoptera from Cape Colony and Trans-
  - 1908. Fossores. In: Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaisteppen Deutsch-Ostafrikas, 1905–1906, unter Leitung von Prof. Dr Yngve Sjöstedt. Königlich Schwedische Akademie der Wissenschaften 2(8, No. 7): 197–296.

—— 1907. Descriptions of a new genus and some new species of Hymenoptera captured by Lt.-Col. C. G. Nurse at Deesa, Matheran and Ferozepore. Journal of the Bombay Natural

- 1910. On the aculeate Hymenoptera collected by Mr A. J. T. Janse, Normal College, Pretoria, in the Transvaal. Annals of the Transvaal Museum 2: 116-67.
- DAHLBOM, A. G. 1844. Hymenoptera Europaea praecipue borealia 1(2): 173-352, Berolini.

vaal. Transactions of the South African Philosophical Society 15(4): 195-257.

History Society 17: 1001-12.

1845. Hymenoptera Europaea praecipue borealia 1(3): 353-528, Berolini.

- EMPEY, H. N. 1969. Revision of the Ethiopian species of Cerceris Latreille, 1802 (Hymenoptera: Sphecidae). A synonymical checklist of the described species. Journal of the Entomological Society of southern Africa 32(2): 297-331.
- 1970. The genus *Cerceris* (Sphecidae: Hymenoptera) collected in the 'Parc National de l'Upemba' and 'Parc National de la Garamba'. *Revue de zoologie et de botanique africaines*81: 179-87.
- 1971a. Notes and redescriptions of Dahlbom's Cerceris species from the Ethiopian Region, with a new subspecies of Cerceris formosa Dahlbom, 1845 from South Africa (Hymenoptera: Sphecidae). Journal of the Entomological Society of southern Africa 34(2): 231-49.

- 1973. Descriptions and records of new and little known species of Cerceris Latreille, 1802 from Socotra and southern Arabia (Hymenoptera: Sphecidae). Journal of the Entomological Society of southern Africa 36(1): 1-23.
- 1974. The status, sex and synonymy of Cameron's types of Cerceris Latreille from the Ethiopian Region (Hymenoptera: Sphecidae). Annals of the Transvaal Museum 29(8): 99-134.
- 1980. Taxonomic notes on Cerceris rufonigra Taschenberg (Hymenoptera: Sphecidae). Journal of the Entomological Society of southern Africa 43(1): 51-2.
- GERSTAECKER, A. 1857. Aus den Familien Apiariae, Vespariae. In: W. C. H. Peters, Naturwissenschaftliche Reise nach Mossambique 1842 bis 1843 ausgeführt. Monatsbericht der Deutschen Akademie der Wissenschaften zu Berlin 1857: 509-10.
- GRIBODO, G. 1894. Rassegna degl'Imenotteri raccolti nel Mozambico dal Cav. Fornasini. Memorie della R. Accademia delle scienze dell'Istituto di Bologna 4: 128-31.
- 1895. (Separate). Seconda contribuzione alla conoscenza della Fauna Immenotterologna del Mozambico.
- GUÉRIN-MÉNEVILLE, F. E. 1844. In: G. C. Cuvier. Iconographie du règne animal. Insectes 3, Fain et Thunet, Paris.
- GUIGLIA, D. 1939. Hymenoptera: Chrysididae, Scoliidae, Mutillidae, Vespidae, Psammocharidae, Sphecidae. Accademia d'Italia, centro studi per l'Africa orientale Italiana, missione biologica nel passe dei Borana, Publicazioni 4, 3 (2): 45-77.

- JACOT-GUILLARMOD, C. 1961. The Hymenopterous types of Peter Cameron in the Albany Museum, Grahamstown, South Africa, with some notes on their condition. Annals of the Cape Provincial Museums (Natural History) 1: 1-14.
- KIRBY, W. F. 1900. The expedition to Sokotra. Description of the new Hymenoptera. Bulletin of the Liverpool Museums 3: 13-24.
- KLUG, J. C. F. 1845. Insecta, decas quinta. In: C. G. Ehrenberg, 1828-1845: Symbolae physicae, seu icones et descriptiones corporum novorum aut minus cognitorum, etc. 4 vols (in 2): Plate 47, Berolini.

- KOHL, F. F. 1891. Hymenoptera in expeditione sub auspicio regii Belgici perfecta in regione Africae ad Congo flumen inferius collecta, determinata sive descripta ab. Annales de la Société entomologique de Belgique 35: 1-36.
- 1894. Zur Hymenopteren-fauna Afrikas. Annalen des Naturhistorischen Museums in Wien 9: 279-350.
- 1896. Über neue Hymenopteren. Természetrajzi füzetek 21: 325-73.
- 1907. Zoologische Ergebnisse der Expedition der kaiserischen Akademie der Wissenschaften nach Südarabien und Sokotra, 1898–99. Denkschriften der Akademie der Wissenschaften 71: 169–301.
- 1913. Neue Pompiliden und Sphegiden vom belgischen Kongo-gebiet. Revue zoologique africaine 3 (1): 182-209.
- LATREILLE, P. A. 1802-1803. Histoire naturelle, générale et particulière des Crustacés et des Insectes 3: 1-467, F. Dusart, Paris.
- LECLERCQ J. 1955. Contributions à l'étude de la faune entomologique du Ruanda-Burundi (Mission P. Basilewsky, 1953). Annales du Musée R. de l'Afrique Central 40: 404-26.
- 1962. Philanthinae (Hym. Sphecidae) de Madagascar. Naturaliste malgache 13:
- MAIDL, F. 1924. Hymenoptera E.: Scoliidae et Sphegidae. In: Von F. Werner Zoologischen Expedition nach dem Anglo-Ägyptischen Sudan (Kordofan) 1914. Denkschriften der Akademie der Wissenschaften 99: 233-46.
- MOCHI, A. 1939. Revisione delle specie egiziane del genere Cerceris Latr. (Hymenoptera: Sphegidae-Philanthinae). Bulletin de la Société Fouad I<sup>n</sup> d'entomologie 22: 136-228.
- SAUSSURE, H. de. 1867. Hymenoptera: Familien der Vespiden, Sphegiden, Pompiliden, Crabroniden und Heterogynen. In: Reise der Österreichischen Fregatte 'Novara', 1857-1859. Zoologischer Theil 2: 156 pp, Wien.
- 1887. Sur quelques Hyménoptères de Madagascar. Société entomologique de Zurich 2: 2-3; 9; 17-18; 25-26.
- 1890. Histoire naturelle des Hyménoptères. In: A. Grandidier. Histoire physique, naturelle et politique de Madagascar 20: 1-176; Plates I-XX., Paris.
- 1891. Hyménoptères nouveaux de Madagascar. Mitteilungen der Schweizerischen entomologischen Gesellschaft 8: 253-69.
- 1892. Histoire naturelle des Hyménoptères. In: A. Grandidier. Histoire physique, naturelle et politique de Madagascar 20: 177-590; Plates XXI-XXVII., Paris.
- SCHLETTERER, A. 1887. Die Hymenopteren-Gattung Cerceris Latr., mit vorzugsweiser Berücksichtigung der paläarktischen Arten. Zoologische Jahrbücher 2: 349-510.
- SCHULTHESS-RECHBERG, A. von. 1926. Neue Grabwespen aus Nordafrika. Konowia. Zeitschrift für systematische Insektenkunde 5: 150-60.
- SCHULZ, W. A. 1906. Spolia Hymenopterologica. Albert Pape, Paderborn.
- SHESTAKOV, A. 1917. De duabus exoticis generis Cerceris Latr. Russkoe entomologicheskoe obozrenie 16: 316-18.
- SMITH, F. 1856. Catalogue of hymenopterous insects in the collection of the British Museum, part IV., London.
- and of a species or the rare genus Iswara belonging to the family Dorylidae. Annals and Magazine of Natural History, Serial 4, 12: 402-15.

- SOIKA, A. GIORDANI. 1942 Sfegidi (Hym.) raccolti nell'Africa Orientale dal Prof. Alberto Mochi e dal Dott. Marcello Mochi: 1.-Nuove specie dei generi Sphex e Cerceris. Atti della Società italiana di scienze naturali, e del Museo civile di storia naturale 81: 196-209.
- SPINOLA, M. 1838. Compte rendu des Hyménoptères recueillis par M. Fischer pendant son voyage en Égypte. Annales de la Société entomologique de France 7: 437-546.
- TASCHENBERG, E. H. 1875. Nyssonidae und Crabronidae des Zoologischen Museums der hiesigen Universität. Zeitschrift für die gesamten Naturwissenschaften. Neue Folge 45: 388-409.
- TURNER, R. E. 1912a. A monograph of the wasps of the genus Cerceris inhabiting British India. Journal of the Bombay Natural History Society 21: 476-516; 794-819.
- 1912b. Notes on Fossorial Hymenoptera.-VIII. Annals and Magazine of Natural History, Serial 8, 9: 410-23.
- 1913. On new species of Fossorial Hymenoptera from Africa, mostly Elidinae.

  Transactions of the Royal Entomological Society of London, 1913 (3): 720-54.
- - ——— 1919. Notes on Fossorial Hymenoptera.—XXXVIII. On new Ethiopian Species.
    Annals and Magazine of Natural History, Serial 9, 4: 44-50.

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